

# ENVIRONMENTAL BACKSHELL



These Backshells from Amphenol not only provide the cable support and strain relief, but ensure the cable sealing and environment protection by means of high quality sealing grommet and grommet follower. The strain relief nut is tightened squeezing the grommet on to the cable jacket during assembly. These Backshells from Amphenol give 6 feet water sealing protection when used with perfectly jacketed cable and are suitable for harsh environment applications.

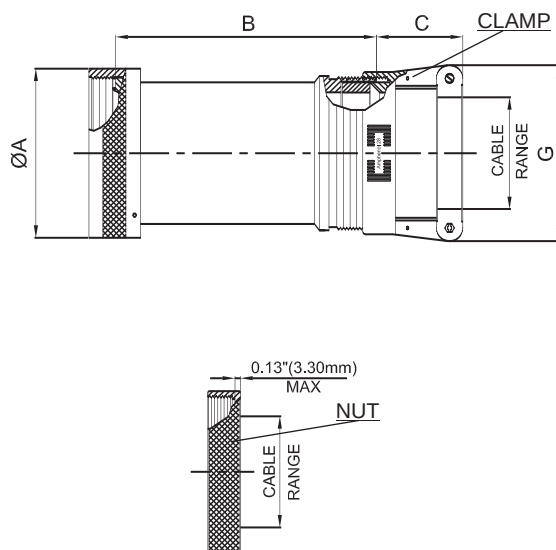
| For Connector Group |   | Page No.             |
|---------------------|---|----------------------|
| <b>J</b>            | → | <b>II-1 - II-11</b>  |
| <b>K</b>            | → | <b>II-12 - II-16</b> |
| <b>L</b>            | → | <b>II-17 - II-21</b> |
| <b>M</b>            | → | <b>II-22 - II-26</b> |
| <b>N</b>            | → | <b>II-27 - II-32</b> |

**Note:** For Connector group Identification refer Table 1 - A, B, C, D ([Page 7-11](#)) and for Material / Plating Finish, Refer Table-2 ([Page 12](#))



### Connector Group - J

### Straight



#### Amphenol Part Number

BE1 S X J 99 99 9 X X

Series — BE1  
Angle — S: straight  
Coupling — R: spin, D: direct  
Connector group — J  
Finish: see Table-2  
End clamp — C: clamp, N: nut  
Length — See Table-A  
Entry size — See Table-A  
Shell size — See Table-A

#### MIL Part Number

M85049 / 99 9 X

MIL Series — M85049  
Slash sheet — 11: Straight spin coupling  
Finish: See Table-2  
Dash Number: See Table-A

**NOTE:** \* For more cable entry and length options, contact factory

| TABLE - A                       |            |        |                            |                      |              |       |         |       |         |       |         |       |  |
|---------------------------------|------------|--------|----------------------------|----------------------|--------------|-------|---------|-------|---------|-------|---------|-------|--|
| AMPHENOL PART NUMBER DESIGNATOR |            |        | MIL PART NUMBER DESIGNATOR | CONNECTOR SHELL SIZE | A DIA. (MAX) |       | B (MAX) |       | C (REF) |       | G (MAX) |       |  |
| SHELL SIZE                      | ENTRY SIZE | LENGTH | DASH NO                    |                      | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    |  |
| 08                              | 01         | 1      | 5                          | 8                    | 0.62         | 15.67 | 2.13    | 54.10 | 1.03    | 26.09 | 0.96    | 24.31 |  |
|                                 |            | 2      | 6                          |                      | 0.62         | 15.67 | 3.13    | 79.50 | 1.03    | 26.09 | 0.96    | 24.31 |  |
|                                 | 02         | 1      | 7*                         |                      | 0.62         | 15.67 | 2.88    | 73.15 | 1.03    | 26.09 | 1.15    | 29.08 |  |
|                                 |            | 2      | 8*                         |                      | 0.62         | 15.67 | 3.88    | 98.55 | 1.03    | 26.09 | 1.15    | 29.08 |  |
| 10                              | 01         | 1      | 9                          | 10                   | 0.73         | 18.64 | 2.13    | 54.10 | 1.03    | 26.09 | 0.96    | 24.31 |  |
|                                 |            | 2      | 10                         |                      | 0.73         | 18.64 | 3.13    | 79.50 | 1.03    | 26.09 | 0.96    | 24.31 |  |
|                                 | 02         | 1      | 11*                        |                      | 0.73         | 18.64 | 2.88    | 73.15 | 1.03    | 26.09 | 1.15    | 29.08 |  |
|                                 |            | 2      | 12*                        |                      | 0.73         | 18.64 | 3.88    | 98.55 | 1.03    | 26.09 | 1.15    | 29.08 |  |
|                                 | 03         | 1      | 136                        |                      | 0.73         | 18.64 | 2.13    | 54.10 | 1.03    | 26.09 | 1.15    | 29.08 |  |
|                                 |            | 2      | 137                        |                      | 0.73         | 18.64 | 3.13    | 79.50 | 1.03    | 26.09 | 1.15    | 29.08 |  |
| 12                              | 01         | 1      | 13                         | 7/12                 | 0.86         | 21.79 | 2.13    | 54.10 | 1.03    | 26.09 | 1.15    | 29.08 |  |
|                                 |            | 2      | 14                         |                      | 0.86         | 21.79 | 3.13    | 79.50 | 1.03    | 26.09 | 1.15    | 29.08 |  |
|                                 | 02         | 1      | 15*                        |                      | 0.86         | 21.79 | 2.88    | 73.15 | 1.03    | 26.09 | 1.33    | 33.83 |  |
|                                 |            | 2      | 16*                        |                      | 0.86         | 21.79 | 3.88    | 98.55 | 1.03    | 26.09 | 1.33    | 33.83 |  |
|                                 | 03         | 1      | 111                        |                      | 0.86         | 21.79 | 2.13    | 54.10 | 1.03    | 26.09 | 1.33    | 33.83 |  |
|                                 |            | 1      | 114                        |                      | 0.86         | 21.79 | 2.13    | 54.10 | 1.03    | 26.09 | 0.96    | 24.31 |  |
|                                 | 04         | 2      | 115                        |                      | 0.86         | 21.79 | 3.13    | 79.50 | 1.03    | 26.09 | 0.96    | 24.31 |  |
|                                 |            | 1      | 138                        |                      | 0.86         | 21.79 | 2.13    | 54.10 | 1.03    | 26.09 | 1.33    | 33.83 |  |
|                                 | 05         | 2      | 139                        |                      | 0.86         | 21.79 | 3.13    | 79.50 | 1.03    | 26.09 | 1.33    | 33.83 |  |
|                                 |            |        |                            |                      |              |       |         |       |         |       |         |       |  |
|                                 |            |        |                            |                      |              |       |         |       |         |       |         |       |  |
|                                 |            |        |                            |                      |              |       |         |       |         |       |         |       |  |

Table Continued

## Connector Group - J

## Straight

| TABLE - A                       |            |        |                            |                      |              |       |         |        |         |       |         |       |
|---------------------------------|------------|--------|----------------------------|----------------------|--------------|-------|---------|--------|---------|-------|---------|-------|
| AMPHENOL PART NUMBER DESIGNATOR |            |        | MIL PART NUMBER DESIGNATOR | CONNECTOR SHELL SIZE | A DIA. (MAX) |       | B (MAX) |        | C (REF) |       | G (MAX) |       |
| SHELL SIZE                      | ENTRY SIZE | LENGTH | DASH NO                    |                      | INCH         | MM    | INCH    | MM     | INCH    | MM    | INCH    | MM    |
| 14                              | 01         | 1      | 17                         | 12/14                | 0.98         | 24.99 | 2.13    | 54.10  | 1.03    | 26.09 | 1.33    | 33.83 |
|                                 |            | 2      | 18                         |                      | 0.98         | 24.99 | 3.13    | 79.50  | 1.03    | 26.09 | 1.33    | 33.83 |
|                                 | 02         | 1      | 19*                        |                      | 0.98         | 24.99 | 2.88    | 73.15  | 1.06    | 26.90 | 1.55    | 39.40 |
|                                 |            | 2      | 20*                        |                      | 0.98         | 24.99 | 3.88    | 98.55  | 1.06    | 26.90 | 1.55    | 39.40 |
|                                 | 03         | 1      | 116                        |                      | 0.98         | 24.99 | 2.13    | 54.10  | 1.03    | 26.09 | 1.15    | 29.08 |
|                                 |            | 2      | 117                        |                      | 0.98         | 24.99 | 3.13    | 79.50  | 1.03    | 26.09 | 1.15    | 29.08 |
|                                 | 04         | 1      | 150                        |                      | 0.98         | 24.99 | 2.13    | 54.10  | 1.03    | 26.09 | 0.96    | 24.31 |
|                                 |            | 2      | 151                        |                      | 0.98         | 24.99 | 3.13    | 79.50  | 1.03    | 26.09 | 0.96    | 24.31 |
| 16                              | 01         | 1      | 21                         | 19/16                | 1.11         | 28.24 | 2.13    | 54.10  | 1.06    | 26.90 | 1.55    | 39.40 |
|                                 |            | 2      | 22                         |                      | 1.11         | 28.24 | 3.13    | 79.50  | 1.06    | 26.90 | 1.55    | 39.40 |
|                                 | 02         | 1      | 23*                        |                      | 1.11         | 28.24 | 2.88    | 73.15  | 1.16    | 29.36 | 1.77    | 44.96 |
|                                 |            | 2      | 24*                        |                      | 1.11         | 28.24 | 3.88    | 98.55  | 1.16    | 29.36 | 1.77    | 44.96 |
|                                 | 03         | 1      | 112                        |                      | 1.11         | 28.24 | 2.13    | 54.10  | 1.03    | 26.09 | 1.15    | 29.08 |
|                                 |            | 2      | 113                        |                      | 1.11         | 28.24 | 3.13    | 79.50  | 1.03    | 26.09 | 1.15    | 29.08 |
|                                 | 04         | 1      | 118                        |                      | 1.11         | 28.24 | 2.13    | 54.10  | 1.03    | 26.09 | 1.33    | 33.83 |
|                                 |            | 2      | 119                        |                      | 1.11         | 28.24 | 3.13    | 79.50  | 1.03    | 26.09 | 1.33    | 33.83 |
|                                 | 05         | 1      | 152                        |                      | 1.11         | 28.24 | 2.13    | 54.10  | 1.03    | 26.09 | 0.96    | 24.31 |
|                                 |            | 2      | 153                        |                      | 1.11         | 28.24 | 3.13    | 79.50  | 1.03    | 26.09 | 0.96    | 24.31 |
| 18                              | 01         | 1      | 25                         | 27/18                | 1.22         | 30.94 | 2.13    | 54.10  | 1.03    | 26.09 | 1.33    | 33.83 |
|                                 |            | 2      | 26                         |                      | 1.22         | 30.94 | 3.13    | 79.50  | 1.03    | 26.09 | 1.33    | 33.83 |
|                                 | 02         | 1      | 27                         |                      | 1.22         | 30.94 | 2.13    | 54.10  | 1.06    | 26.90 | 1.55    | 39.40 |
|                                 |            | 2      | 28                         |                      | 1.22         | 30.94 | 3.13    | 79.50  | 1.06    | 26.90 | 1.55    | 39.40 |
|                                 | 03         | 1      | 29*                        |                      | 1.22         | 30.94 | 2.88    | 73.15  | 1.16    | 29.36 | 1.77    | 44.96 |
|                                 |            | 2      | 30*                        |                      | 1.22         | 30.94 | 3.88    | 98.55  | 1.16    | 29.36 | 1.77    | 44.96 |
|                                 | 04         | 1      | 120                        |                      | 1.22         | 30.94 | 2.13    | 54.10  | 1.03    | 26.09 | 0.96    | 24.31 |
|                                 |            | 2      | 121                        |                      | 1.22         | 30.94 | 3.13    | 79.50  | 1.03    | 26.09 | 0.96    | 24.31 |
|                                 | 05         | 1      | 122                        |                      | 1.22         | 30.94 | 2.13    | 54.10  | 1.03    | 26.09 | 1.15    | 29.08 |
|                                 |            | 2      | 123                        |                      | 1.22         | 30.94 | 3.13    | 79.50  | 1.03    | 26.09 | 1.15    | 29.08 |
| 20                              | 01         | 1      | 31                         | 37/20                | 1.35         | 34.16 | 3.13    | 79.50  | 1.03    | 26.09 | 1.33    | 33.83 |
|                                 |            | 2      | 32                         |                      | 1.35         | 34.16 | 4.13    | 104.90 | 1.03    | 26.09 | 1.33    | 33.83 |
|                                 | 02         | 1      | 33                         |                      | 1.35         | 34.16 | 3.13    | 79.50  | 1.06    | 26.90 | 1.55    | 39.40 |
|                                 |            | 2      | 34                         |                      | 1.35         | 34.16 | 4.13    | 104.90 | 1.06    | 26.90 | 1.55    | 39.40 |
|                                 | 03         | 1      | 35*                        |                      | 1.35         | 34.16 | 3.88    | 98.55  | 1.16    | 29.36 | 1.77    | 44.96 |
|                                 |            | 2      | 36*                        |                      | 1.35         | 34.16 | 4.88    | 123.95 | 1.16    | 29.36 | 1.77    | 44.96 |
|                                 | 04         | 1      | 37*                        |                      | 1.35         | 34.16 | 3.88    | 98.55  | 1.38    | 34.93 | 2.11    | 53.67 |
|                                 |            | 2      | 38*                        |                      | 1.35         | 34.16 | 4.88    | 123.95 | 1.38    | 34.93 | 2.11    | 53.67 |
|                                 | 05         | 1      | 124                        |                      | 1.35         | 34.16 | 3.13    | 79.50  | 1.03    | 26.09 | 1.15    | 29.08 |
|                                 |            | 2      | 125                        |                      | 1.35         | 34.16 | 4.13    | 104.90 | 1.03    | 26.09 | 1.15    | 29.08 |
|                                 | 06         | 1      | 140                        |                      | 1.35         | 34.16 | 3.13    | 79.50  | 1.16    | 29.36 | 1.77    | 44.96 |
|                                 |            | 2      | 141                        |                      | 1.35         | 34.16 | 4.13    | 104.90 | 1.16    | 29.36 | 1.77    | 44.96 |
| 22                              | 01         | 1      | 39                         | 22                   | 1.47         | 37.29 | 3.13    | 79.50  | 1.03    | 26.09 | 1.33    | 33.83 |
|                                 |            | 2      | 40                         |                      | 1.47         | 37.29 | 4.13    | 104.90 | 1.03    | 26.09 | 1.33    | 33.83 |
|                                 | 02         | 1      | 41                         |                      | 1.47         | 37.29 | 3.13    | 79.50  | 1.06    | 26.90 | 1.55    | 39.40 |
|                                 |            | 2      | 42                         |                      | 1.47         | 37.29 | 4.13    | 104.90 | 1.06    | 26.90 | 1.55    | 39.40 |
|                                 | 03         | 1      | 43                         |                      | 1.47         | 37.29 | 3.13    | 79.50  | 1.16    | 29.36 | 1.77    | 44.96 |
|                                 |            | 2      | 44                         |                      | 1.47         | 37.29 | 4.13    | 104.90 | 1.16    | 29.36 | 1.77    | 44.96 |
|                                 | 04         | 1      | 45*                        |                      | 1.47         | 37.29 | 3.88    | 98.55  | 1.38    | 34.93 | 2.11    | 53.67 |
|                                 |            | 2      | 46*                        |                      | 1.47         | 37.29 | 4.88    | 123.95 | 1.38    | 34.93 | 2.11    | 53.67 |
|                                 | 05         | 1      | 126                        |                      | 1.47         | 37.29 | 3.13    | 79.50  | 1.03    | 26.09 | 0.96    | 24.31 |
|                                 |            | 2      | 127                        |                      | 1.47         | 37.29 | 4.13    | 104.90 | 1.03    | 26.09 | 0.96    | 24.31 |
|                                 | 06         | 1      | 128                        |                      | 1.47         | 37.29 | 3.13    | 79.50  | 1.03    | 26.09 | 1.15    | 29.08 |
|                                 |            | 2      | 129                        |                      | 1.47         | 37.29 | 4.13    | 104.90 | 1.03    | 26.09 | 1.15    | 29.08 |
|                                 | 07         | 1      | 142                        |                      | 1.47         | 37.29 | 3.13    | 79.50  | 1.38    | 34.93 | 2.11    | 53.67 |
|                                 |            | 2      | 143                        |                      | 1.47         | 37.29 | 4.13    | 104.90 | 1.38    | 34.93 | 2.11    | 53.67 |

Table Continued

### Connector Group - J

### Straight

| TABLE - A                       |            |        |                            |                      |              |       |         |        |         |       |         |        |
|---------------------------------|------------|--------|----------------------------|----------------------|--------------|-------|---------|--------|---------|-------|---------|--------|
| AMPHENOL PART NUMBER DESIGNATOR |            |        | MIL PART NUMBER DESIGNATOR | CONNECTOR SHELL SIZE | A DIA. (MAX) |       | B (MAX) |        | C (REF) |       | G (MAX) |        |
| SHELL SIZE                      | ENTRY SIZE | LENGTH | DASH NO                    |                      | INCH         | MM    | INCH    | MM     | INCH    | MM    | INCH    | MM     |
| 24                              | 01         | 1      | 47                         | 24                   | 1.59         | 40.46 | 3.13    | 79.50  | 1.06    | 26.90 | 1.55    | 39.40  |
|                                 |            | 2      | 48                         |                      | 1.59         | 40.46 | 4.13    | 104.90 | 1.06    | 26.90 | 1.55    | 39.40  |
|                                 | 02         | 1      | 49                         |                      | 1.59         | 40.46 | 3.13    | 79.50  | 1.16    | 29.36 | 1.77    | 44.96  |
|                                 |            | 2      | 50                         |                      | 1.59         | 40.46 | 4.13    | 104.90 | 1.16    | 29.36 | 1.77    | 44.96  |
|                                 | 03         | 1      | 51                         |                      | 1.59         | 40.46 | 3.13    | 79.50  | 1.16    | 29.36 | 1.77    | 44.96  |
|                                 |            | 2      | 52                         |                      | 1.59         | 40.46 | 4.13    | 104.90 | 1.16    | 29.36 | 1.77    | 44.96  |
|                                 | 04         | 1      | 53*                        |                      | 1.59         | 40.46 | 3.88    | 98.55  | 1.38    | 34.93 | 2.11    | 53.67  |
|                                 |            | 2      | 54*                        |                      | 1.59         | 40.46 | 4.88    | 123.95 | 1.38    | 34.93 | 2.11    | 53.67  |
|                                 | 05         | 1      | 130                        |                      | 1.59         | 40.46 | 3.13    | 79.50  | 1.03    | 26.09 | 1.33    | 33.83  |
|                                 |            | 2      | 131                        |                      | 1.59         | 40.46 | 4.13    | 104.90 | 1.03    | 26.09 | 1.33    | 33.83  |
|                                 | 06         | 1      | 144                        |                      | 1.59         | 40.46 | 3.13    | 79.50  | 1.38    | 34.93 | 2.11    | 53.67  |
|                                 |            | 2      | 145                        |                      | 1.59         | 40.46 | 4.13    | 104.90 | 1.38    | 34.93 | 2.11    | 53.67  |
| 28                              | 01         | 1      | 55                         | 28                   | 1.97         | 50.01 | 3.13    | 79.50  | 1.06    | 26.90 | 1.55    | 39.40  |
|                                 |            | 2      | 56                         |                      | 1.97         | 50.01 | 4.13    | 104.90 | 1.06    | 26.90 | 1.55    | 39.40  |
|                                 | 02         | 1      | 57                         |                      | 1.97         | 50.01 | 3.13    | 79.50  | 1.16    | 29.36 | 1.77    | 44.96  |
|                                 |            | 2      | 58                         |                      | 1.97         | 50.01 | 4.13    | 104.90 | 1.16    | 29.36 | 1.77    | 44.96  |
|                                 | 03         | 1      | 59                         |                      | 1.97         | 50.01 | 3.13    | 79.50  | 1.38    | 34.93 | 2.11    | 53.67  |
|                                 |            | 2      | 60                         |                      | 1.97         | 50.01 | 4.13    | 104.90 | 1.38    | 34.93 | 2.11    | 53.67  |
|                                 | 04         | 1      | 61                         |                      | 1.97         | 50.01 | 3.13    | 79.50  | 1.50    | 38.10 | 23.63   | 600.20 |
|                                 |            | 2      | 62                         |                      | 1.97         | 50.01 | 4.13    | 104.90 | 1.50    | 38.10 | 2.36    | 60.02  |
|                                 | 01         | 1      | 63                         |                      | 2.22         | 56.36 | 3.13    | 79.50  | 1.16    | 29.36 | 1.77    | 44.96  |
|                                 |            | 2      | 64                         |                      | 2.22         | 56.36 | 4.13    | 104.90 | 1.16    | 29.36 | 1.77    | 44.96  |
| 32                              | 02         | 1      | 65                         | 32                   | 2.22         | 56.36 | 3.13    | 79.50  | 1.38    | 34.93 | 2.11    | 53.67  |
|                                 |            | 2      | 66                         |                      | 2.22         | 56.36 | 4.13    | 104.90 | 1.38    | 34.93 | 2.11    | 53.67  |
|                                 | 03         | 1      | 67                         |                      | 2.22         | 56.36 | 3.13    | 79.50  | 1.50    | 38.10 | 2.36    | 60.02  |
|                                 |            | 2      | 68                         |                      | 2.22         | 56.36 | 4.13    | 104.90 | 1.50    | 38.10 | 2.36    | 60.02  |
|                                 | 04         | 1      | 69                         |                      | 2.22         | 56.36 | 3.13    | 79.50  | 1.78    | 45.24 | 2.77    | 70.36  |
|                                 |            | 2      | 70                         |                      | 2.22         | 56.36 | 4.13    | 104.90 | 1.78    | 45.24 | 2.77    | 70.36  |
| 36                              | 01         | 1      | 71                         | 36                   | 2.47         | 62.71 | 4.13    | 104.90 | 1.38    | 34.93 | 2.11    | 53.67  |
|                                 |            | 2      | 72                         |                      | 2.47         | 62.71 | 5.13    | 130.30 | 1.38    | 34.93 | 2.11    | 53.67  |
|                                 | 02         | 1      | 73                         |                      | 2.47         | 62.71 | 4.13    | 104.90 | 1.50    | 38.10 | 2.36    | 60.02  |
|                                 |            | 2      | 74                         |                      | 2.47         | 62.71 | 5.13    | 130.30 | 1.50    | 38.10 | 2.36    | 60.02  |
|                                 | 03         | 1      | 75                         |                      | 2.47         | 62.71 | 4.13    | 104.90 | 1.78    | 45.24 | 2.77    | 70.36  |
|                                 |            | 2      | 76                         |                      | 2.47         | 62.71 | 5.13    | 130.30 | 1.78    | 45.24 | 2.77    | 70.36  |
|                                 | 04         | 1      | 77*                        |                      | 2.47         | 62.71 | 5.01    | 127.25 | 1.83    | 46.48 | 3.02    | 76.71  |
|                                 |            | 2      | 78*                        |                      | 2.47         | 62.71 | 6.01    | 152.65 | 1.83    | 46.48 | 3.02    | 76.71  |
|                                 | 05         | 1      | 132                        |                      | 2.47         | 62.71 | 4.13    | 104.90 | 1.06    | 26.90 | 1.55    | 39.40  |
|                                 |            | 2      | 133                        |                      | 2.47         | 62.71 | 5.13    | 130.30 | 1.06    | 26.90 | 1.55    | 39.40  |
|                                 | 06         | 1      | 146                        |                      | 2.47         | 62.71 | 4.13    | 104.90 | 1.83    | 46.48 | 3.02    | 76.71  |
|                                 |            | 2      | 147                        |                      | 2.47         | 62.71 | 5.13    | 130.30 | 1.83    | 46.48 | 3.02    | 76.71  |
|                                 | 07         | 1      | 148                        |                      | 2.47         | 62.71 | 4.13    | 104.90 | 1.16    | 29.36 | 1.77    | 44.96  |
|                                 |            | 2      | 149                        |                      | 2.47         | 62.71 | 5.13    | 130.30 | 1.16    | 29.36 | 1.77    | 44.96  |

Table Continued

## Connector Group - J

## Straight

| TABLE - A                       |            |        |                            |                      |              |       |         |        |         |       |         |       |
|---------------------------------|------------|--------|----------------------------|----------------------|--------------|-------|---------|--------|---------|-------|---------|-------|
| AMPHENOL PART NUMBER DESIGNATOR |            |        | MIL PART NUMBER DESIGNATOR | CONNECTOR SHELL SIZE | A DIA. (MAX) |       | B (MAX) |        | C (REF) |       | G (MAX) |       |
| SHELL SIZE                      | ENTRY SIZE | LENGTH | DASH NO                    |                      | INCH         | MM    | INCH    | MM     | INCH    | MM    | INCH    | MM    |
| 40                              | 01         | 1      | 79                         | 40                   | 2.72         | 69.06 | 4.13    | 104.90 | 1.38    | 34.93 | 2.11    | 53.67 |
|                                 |            | 2      | 80                         |                      | 2.72         | 69.06 | 5.13    | 130.30 | 1.38    | 34.93 | 2.11    | 53.67 |
|                                 | 02         | 1      | 81                         |                      | 2.72         | 69.06 | 4.13    | 104.90 | 1.50    | 38.10 | 2.36    | 60.02 |
|                                 |            | 2      | 82                         |                      | 2.72         | 69.06 | 5.13    | 130.30 | 1.50    | 38.10 | 2.36    | 60.02 |
|                                 | 03         | 1      | 83                         |                      | 2.72         | 69.06 | 4.13    | 104.90 | 1.78    | 45.24 | 2.77    | 70.36 |
|                                 |            | 2      | 84                         |                      | 2.72         | 69.06 | 5.13    | 130.30 | 1.78    | 45.24 | 2.77    | 70.36 |
|                                 | 04         | 1      | 85                         |                      | 2.72         | 69.06 | 4.13    | 104.90 | 1.83    | 46.48 | 3.02    | 76.71 |
|                                 |            | 2      | 86                         |                      | 2.72         | 69.06 | 5.13    | 130.30 | 1.83    | 46.48 | 3.02    | 76.71 |
|                                 | 05         | 1      | 134                        |                      | 2.72         | 69.06 | 4.13    | 104.90 | 1.06    | 26.90 | 1.55    | 39.40 |
|                                 |            | 2      | 135                        |                      | 2.72         | 69.06 | 5.13    | 130.30 | 1.06    | 26.90 | 1.55    | 39.40 |
|                                 | 06         | 1      | 156                        |                      | 2.72         | 69.06 | 4.13    | 104.90 | 1.16    | 29.36 | 1.77    | 44.96 |
|                                 |            | 2      | 157                        |                      | 2.72         | 69.06 | 5.13    | 130.30 | 1.16    | 29.36 | 1.77    | 44.96 |
| 44                              | 01         | 1      | 87                         | 44                   | 2.97         | 75.41 | 4.13    | 104.90 | 1.38    | 34.93 | 2.11    | 53.67 |
|                                 |            | 2      | 88                         |                      | 2.97         | 75.41 | 5.13    | 130.30 | 1.38    | 34.93 | 2.11    | 53.67 |
|                                 | 02         | 1      | 89                         |                      | 2.97         | 75.41 | 4.13    | 104.90 | 1.50    | 38.10 | 2.36    | 60.02 |
|                                 |            | 2      | 90                         |                      | 2.97         | 75.41 | 5.13    | 130.30 | 1.50    | 38.10 | 2.36    | 60.02 |
|                                 | 03         | 1      | 91                         |                      | 2.97         | 75.41 | 4.13    | 104.90 | 1.78    | 45.24 | 2.77    | 70.36 |
|                                 |            | 2      | 92                         |                      | 2.97         | 75.41 | 5.13    | 130.30 | 1.78    | 45.24 | 2.77    | 70.36 |
|                                 | 04         | 1      | 93                         |                      | 2.97         | 75.41 | 4.13    | 104.90 | 1.83    | 46.48 | 3.02    | 76.71 |
|                                 |            | 2      | 94                         |                      | 2.97         | 75.41 | 5.13    | 130.30 | 1.83    | 46.48 | 3.02    | 76.71 |
|                                 | 05         | 1      | 154                        |                      | 2.97         | 75.41 | 4.13    | 104.90 | 1.16    | 29.36 | 1.77    | 44.96 |
|                                 |            | 2      | 155                        |                      | 2.97         | 75.41 | 5.13    | 130.30 | 1.16    | 29.36 | 1.77    | 44.96 |
| 48                              | 01         | 1      | 95                         | 48                   | 3.22         | 81.76 | 4.13    | 104.90 | 1.38    | 34.93 | 2.11    | 53.67 |
|                                 |            | 2      | 96                         |                      | 3.22         | 81.76 | 5.13    | 130.30 | 1.38    | 34.93 | 2.11    | 53.67 |
|                                 | 02         | 1      | 97                         |                      | 3.22         | 81.76 | 4.13    | 104.90 | 1.50    | 38.10 | 2.36    | 60.02 |
|                                 |            | 2      | 98                         |                      | 3.22         | 81.76 | 5.13    | 130.30 | 1.50    | 38.10 | 2.36    | 60.02 |
|                                 | 03         | 1      | 99                         |                      | 3.22         | 81.76 | 4.13    | 104.90 | 1.78    | 45.24 | 2.77    | 70.36 |
|                                 |            | 2      | 100                        |                      | 3.22         | 81.76 | 5.13    | 130.30 | 1.78    | 45.24 | 2.77    | 70.36 |
|                                 | 04         | 1      | 101                        |                      | 3.22         | 81.76 | 4.13    | 104.90 | 1.83    | 46.48 | 3.02    | 76.71 |
|                                 |            | 2      | 102                        |                      | 3.22         | 81.76 | 5.13    | 130.30 | 1.83    | 46.48 | 3.02    | 76.71 |

(\*) ----- DENOTES STYLE 2

Table Continued

Connector Group - J

Straight

| TABLE - A                       |            |        |                            |                      |             |       |      |       |      |       |
|---------------------------------|------------|--------|----------------------------|----------------------|-------------|-------|------|-------|------|-------|
| AMPHENOL PART NUMBER DESIGNATOR |            |        | MIL PART NUMBER DESIGNATOR | CONNECTOR SHELL SIZE | CABLE RANGE |       |      |       |      |       |
| SHELL SIZE                      | ENTRY SIZE | LENGTH | DASH NO                    |                      | MIN         |       | MAX  |       |      |       |
|                                 |            |        |                            |                      | INCH        | MM    | INCH | MM    |      |       |
| 08                              | 01         | 1      | 5                          | 8                    | 0.13        | 3.18  | 0.25 | 6.35  |      |       |
|                                 |            | 2      | 6                          |                      | 0.13        | 3.18  | 0.25 | 6.35  |      |       |
|                                 | 02         | 1      | 7*                         |                      | 0.25        | 6.35  | 0.44 | 11.10 |      |       |
|                                 |            | 2      | 8*                         |                      | 0.25        | 6.35  | 0.44 | 11.10 |      |       |
| 10                              | 01         | 1      | 9                          | 10                   | 0.13        | 3.18  | 0.31 | 7.92  |      |       |
|                                 |            | 2      | 10                         |                      | 0.13        | 3.18  | 0.31 | 7.92  |      |       |
|                                 | 02         | 1      | 11*                        |                      | 0.25        | 6.35  | 0.44 | 11.10 |      |       |
|                                 |            | 2      | 12*                        |                      | 0.25        | 6.35  | 0.44 | 11.10 |      |       |
|                                 | 03         | 1      | 136                        |                      | 0.25        | 6.35  | 0.38 | 9.53  |      |       |
|                                 |            | 2      | 137                        |                      | 0.25        | 6.35  | 0.38 | 9.53  |      |       |
| 12                              | 01         | 1      | 13                         | 7/12                 | 0.25        | 6.35  | 0.44 | 11.10 |      |       |
|                                 |            | 2      | 14                         |                      | 0.25        | 6.35  | 0.44 | 11.10 |      |       |
|                                 | 02         | 1      | 15*                        |                      | 0.35        | 8.89  | 0.63 | 15.88 |      |       |
|                                 |            | 2      | 16*                        |                      | 0.35        | 8.89  | 0.63 | 15.88 |      |       |
|                                 | 03         | 1      | 111                        |                      | 0.35        | 8.89  | 0.50 | 12.70 |      |       |
|                                 |            | 2      | 114                        |                      | 0.13        | 3.18  | 0.31 | 7.92  |      |       |
|                                 | 04         | 1      | 115                        |                      | 0.13        | 3.18  | 0.31 | 7.92  |      |       |
|                                 |            | 2      | 115                        |                      | 0.35        | 8.89  | 0.50 | 12.70 |      |       |
|                                 | 05         | 1      | 138                        |                      | 0.35        | 8.89  | 0.50 | 12.70 |      |       |
|                                 |            | 2      | 139                        |                      | 0.35        | 8.89  | 0.50 | 12.70 |      |       |
| 14                              | 01         | 1      | 17                         | 12/14                | 0.35        | 8.89  | 0.58 | 14.61 |      |       |
|                                 |            | 2      | 18                         |                      | 0.35        | 8.89  | 0.58 | 14.61 |      |       |
|                                 | 02         | 1      | 19*                        |                      | 0.50        | 12.70 | 0.75 | 19.05 |      |       |
|                                 |            | 2      | 20*                        |                      | 0.50        | 12.70 | 0.75 | 19.05 |      |       |
|                                 | 03         | 1      | 116                        |                      | 0.25        | 6.35  | 0.44 | 11.10 |      |       |
|                                 |            | 2      | 117                        |                      | 0.25        | 6.35  | 0.44 | 11.10 |      |       |
|                                 | 04         | 1      | 150                        |                      | 0.13        | 3.18  | 0.31 | 7.92  |      |       |
|                                 |            | 2      | 151                        |                      | 0.13        | 3.18  | 0.31 | 7.92  |      |       |
|                                 | 16         | 01     | 1                          |                      | 21          | 19/16 | 0.50 | 12.70 | 0.70 | 17.78 |
|                                 |            |        | 2                          |                      | 22          |       | 0.50 | 12.70 | 0.70 | 17.78 |
| 02                              |            | 1      | 23*                        | 0.63                 | 15.88       |       | 0.94 | 23.80 |      |       |
|                                 |            | 2      | 24*                        | 0.63                 | 15.88       |       | 0.94 | 23.80 |      |       |
| 03                              |            | 1      | 112                        | 0.25                 | 6.35        |       | 0.44 | 11.10 |      |       |
|                                 |            | 2      | 113                        | 0.25                 | 6.35        |       | 0.44 | 11.10 |      |       |
| 04                              |            | 1      | 118                        | 0.35                 | 8.89        |       | 0.63 | 15.88 |      |       |
|                                 |            | 2      | 119                        | 0.35                 | 8.89        |       | 0.63 | 15.88 |      |       |
| 05                              |            | 1      | 152                        | 0.13                 | 3.18        |       | 0.31 | 7.92  |      |       |
|                                 |            | 2      | 153                        | 0.13                 | 3.18        |       | 0.31 | 7.92  |      |       |
| 18                              | 01         | 1      | 25                         | 27/18                | 0.35        | 8.89  | 0.63 | 15.88 |      |       |
|                                 |            | 2      | 26                         |                      | 0.35        | 8.89  | 0.63 | 15.88 |      |       |
|                                 | 02         | 1      | 27                         |                      | 0.50        | 12.70 | 0.75 | 19.05 |      |       |
|                                 |            | 2      | 28                         |                      | 0.50        | 12.70 | 0.75 | 19.05 |      |       |
|                                 | 03         | 1      | 29*                        |                      | 0.63        | 15.88 | 0.94 | 23.80 |      |       |
|                                 |            | 2      | 30*                        |                      | 0.63        | 15.88 | 0.94 | 23.80 |      |       |
|                                 | 04         | 1      | 120                        |                      | 0.13        | 3.18  | 0.31 | 7.92  |      |       |
|                                 |            | 2      | 121                        |                      | 0.13        | 3.18  | 0.31 | 7.92  |      |       |
|                                 | 05         | 1      | 122                        |                      | 0.25        | 6.35  | 0.44 | 11.10 |      |       |
|                                 |            | 2      | 123                        |                      | 0.25        | 6.35  | 0.44 | 11.10 |      |       |
| 20                              | 01         | 1      | 31                         | 37/20                | 0.35        | 8.89  | 0.63 | 15.88 |      |       |
|                                 |            | 2      | 32                         |                      | 0.35        | 8.89  | 0.63 | 15.88 |      |       |
|                                 | 02         | 1      | 33                         |                      | 0.50        | 12.70 | 0.75 | 19.05 |      |       |
|                                 |            | 2      | 34                         |                      | 0.50        | 12.70 | 0.75 | 19.05 |      |       |
|                                 | 03         | 1      | 35*                        |                      | 0.63        | 15.88 | 0.94 | 23.80 |      |       |
|                                 |            | 2      | 36*                        |                      | 0.63        | 15.88 | 0.94 | 23.80 |      |       |
|                                 | 04         | 1      | 37*                        |                      | 0.88        | 22.23 | 1.25 | 31.75 |      |       |
|                                 |            | 2      | 38*                        |                      | 0.88        | 22.23 | 1.25 | 31.75 |      |       |

Table Continued



## Connector Group - J

Straight

| TABLE - A                       |            |        |                            |                      |             |       |       |        |      |       |
|---------------------------------|------------|--------|----------------------------|----------------------|-------------|-------|-------|--------|------|-------|
| AMPHENOL PART NUMBER DESIGNATOR |            |        | MIL PART NUMBER DESIGNATOR | CONNECTOR SHELL SIZE | CABLE RANGE |       |       |        |      |       |
| SHELL SIZE                      | ENTRY SIZE | LENGTH | DASH NO                    |                      | MIN         |       | MAX   |        |      |       |
|                                 |            |        |                            |                      | INCH        | MM    | INCH  | MM     |      |       |
| 20                              | 05         | 1      | 124                        | 37/20                | 0.25        | 6.35  | 0.44  | 11.10  |      |       |
|                                 |            | 2      | 125                        |                      | 0.25        | 6.35  | 0.44  | 11.10  |      |       |
|                                 | 06         | 1      | 140                        |                      | 0.63        | 15.88 | 0.90  | 22.96  |      |       |
|                                 |            | 2      | 141                        |                      | 0.63        | 15.88 | 0.90  | 22.96  |      |       |
| 22                              | 01         | 1      | 39                         | 22                   | 0.35        | 8.89  | 0.63  | 15.88  |      |       |
|                                 |            | 2      | 40                         |                      | 0.35        | 8.89  | 0.63  | 15.88  |      |       |
|                                 | 02         | 1      | 41                         |                      | 0.50        | 12.70 | 0.75  | 19.05  |      |       |
|                                 |            | 2      | 42                         |                      | 0.50        | 12.70 | 0.75  | 19.05  |      |       |
|                                 | 03         | 1      | 43                         |                      | 0.63        | 15.88 | 0.94  | 23.80  |      |       |
|                                 |            | 2      | 44                         |                      | 0.63        | 15.88 | 0.94  | 23.80  |      |       |
|                                 | 04         | 1      | 45*                        |                      | 0.88        | 22.23 | 1.25  | 31.75  |      |       |
|                                 |            | 2      | 46*                        |                      | 0.88        | 22.23 | 1.25  | 31.75  |      |       |
|                                 | 05         | 1      | 126                        |                      | 0.13        | 3.18  | 0.31  | 7.92   |      |       |
|                                 |            | 2      | 127                        |                      | 0.13        | 3.18  | 0.31  | 7.92   |      |       |
|                                 | 06         | 1      | 128                        |                      | 0.25        | 6.35  | 0.44  | 11.10  |      |       |
|                                 |            | 2      | 129                        |                      | 0.25        | 6.35  | 0.44  | 11.10  |      |       |
|                                 | 07         | 1      | 142                        |                      | 0.88        | 22.23 | 1.03  | 26.14  |      |       |
|                                 |            | 2      | 143                        |                      | 0.88        | 22.23 | 1.03  | 26.14  |      |       |
|                                 | 24         | 01     | 1                          |                      | 47          | 24    | 0.50  | 12.70  | 0.75 | 19.05 |
|                                 |            |        | 2                          |                      | 48          |       | 0.50  | 12.70  | 0.75 | 19.05 |
| 02                              |            | 1      | 49                         | 0.63                 | 15.88       |       | 0.81  | 20.62  |      |       |
|                                 |            | 2      | 50                         | 0.63                 | 15.88       |       | 0.81  | 20.62  |      |       |
| 03                              |            | 1      | 51                         | 0.63                 | 15.88       |       | 0.94  | 23.80  |      |       |
|                                 |            | 2      | 52                         | 0.63                 | 15.88       |       | 0.94  | 23.80  |      |       |
| 04                              |            | 1      | 53*                        | 0.88                 | 22.23       |       | 1.25  | 31.75  |      |       |
|                                 |            | 2      | 54*                        | 0.88                 | 22.23       |       | 1.25  | 31.75  |      |       |
| 05                              |            | 1      | 130                        | 0.35                 | 8.89        |       | 0.63  | 15.88  |      |       |
|                                 |            | 2      | 131                        | 0.35                 | 8.89        |       | 0.63  | 15.88  |      |       |
| 06                              |            | 1      | 144                        | 0.88                 | 22.23       |       | 1.14  | 29.06  |      |       |
|                                 |            | 2      | 145                        | 0.88                 | 22.23       |       | 1.14  | 29.06  |      |       |
| 28                              | 01         | 1      | 55                         | 28                   | 0.50        | 12.70 | 0.75  | 19.05  |      |       |
|                                 |            | 2      | 56                         |                      | 0.50        | 12.70 | 0.75  | 19.05  |      |       |
|                                 | 02         | 1      | 57                         |                      | 0.63        | 15.88 | 0.94  | 23.80  |      |       |
|                                 |            | 2      | 58                         |                      | 0.63        | 15.88 | 0.94  | 23.80  |      |       |
|                                 | 03         | 1      | 59                         |                      | 0.88        | 22.23 | 1.25  | 31.75  |      |       |
|                                 |            | 2      | 60                         |                      | 0.88        | 22.23 | 1.25  | 31.75  |      |       |
|                                 | 04         | 1      | 61                         |                      | 1.00        | 25.40 | 1.38  | 34.93  |      |       |
|                                 |            | 2      | 62                         |                      | 1.00        | 25.40 | 1.38  | 34.93  |      |       |
| 32                              | 01         | 1      | 63                         | 32                   | 0.63        | 15.88 | 0.94  | 23.80  |      |       |
|                                 |            | 2      | 64                         |                      | 0.63        | 15.88 | 0.94  | 23.80  |      |       |
|                                 | 02         | 1      | 65                         |                      | 0.88        | 22.23 | 12.50 | 317.50 |      |       |
|                                 |            | 2      | 66                         |                      | 0.88        | 22.23 | 1.25  | 31.75  |      |       |
|                                 | 03         | 1      | 67                         |                      | 1.00        | 25.40 | 1.38  | 34.93  |      |       |
|                                 |            | 2      | 68                         |                      | 1.00        | 25.40 | 1.38  | 34.93  |      |       |
|                                 | 04         | 1      | 69                         |                      | 1.25        | 31.75 | 1.63  | 41.28  |      |       |
|                                 |            | 2      | 70                         |                      | 1.25        | 31.75 | 1.63  | 41.28  |      |       |
| 36                              | 01         | 1      | 71                         | 36                   | 0.88        | 22.23 | 1.25  | 31.75  |      |       |
|                                 |            | 2      | 72                         |                      | 0.88        | 22.23 | 1.25  | 31.75  |      |       |
|                                 | 02         | 1      | 73                         |                      | 1.00        | 25.40 | 1.38  | 34.93  |      |       |
|                                 |            | 2      | 74                         |                      | 1.00        | 25.40 | 1.38  | 34.93  |      |       |
|                                 | 03         | 1      | 75                         |                      | 1.25        | 31.75 | 1.63  | 41.28  |      |       |
|                                 |            | 2      | 76                         |                      | 1.25        | 31.75 | 1.63  | 41.28  |      |       |
|                                 | 04         | 1      | 77*                        |                      | 1.44        | 36.50 | 1.88  | 47.63  |      |       |
|                                 |            | 2      | 78*                        |                      | 1.44        | 36.50 | 1.88  | 47.63  |      |       |

Table Continued

Connector Group - J

Straight

| TABLE - A                       |            |        |                            |                      |             |       |      |       |
|---------------------------------|------------|--------|----------------------------|----------------------|-------------|-------|------|-------|
| AMPHENOL PART NUMBER DESIGNATOR |            |        | MIL PART NUMBER DESIGNATOR | CONNECTOR SHELL SIZE | CABLE RANGE |       |      |       |
| SHELL SIZE                      | ENTRY SIZE | LENGTH | DASH NO                    |                      | MIN         |       | MAX  |       |
|                                 |            |        |                            |                      | INCH        | MM    | INCH | MM    |
| 36                              | 05         | 1      | 132                        | 36                   | 0.50        | 12.70 | 0.75 | 19.05 |
|                                 |            | 2      | 133                        |                      | 0.50        | 12.70 | 0.75 | 19.05 |
|                                 | 06         | 1      | 146                        |                      | 1.44        | 36.50 | 1.84 | 46.74 |
|                                 |            | 2      | 147                        |                      | 1.44        | 36.50 | 1.84 | 46.74 |
|                                 | 07         | 1      | 148                        |                      | 0.63        | 15.88 | 0.94 | 23.80 |
|                                 |            | 2      | 149                        |                      | 0.63        | 15.88 | 0.94 | 23.80 |
| 40                              | 01         | 1      | 79                         | 40                   | 0.88        | 22.23 | 1.25 | 31.75 |
|                                 |            | 2      | 80                         |                      | 0.88        | 22.23 | 1.25 | 31.75 |
|                                 | 02         | 1      | 81                         |                      | 1.00        | 25.40 | 1.38 | 34.93 |
|                                 |            | 2      | 82                         |                      | 1.00        | 25.40 | 1.38 | 34.93 |
|                                 | 03         | 1      | 83                         |                      | 1.25        | 31.75 | 1.63 | 41.28 |
|                                 |            | 2      | 84                         |                      | 1.25        | 31.75 | 1.63 | 41.28 |
|                                 | 04         | 1      | 85                         |                      | 1.44        | 36.50 | 1.88 | 47.63 |
|                                 |            | 2      | 86                         |                      | 1.44        | 36.50 | 1.88 | 47.63 |
|                                 | 05         | 1      | 134                        |                      | 0.50        | 12.70 | 0.75 | 19.05 |
|                                 |            | 2      | 135                        |                      | 0.50        | 12.70 | 0.75 | 19.05 |
|                                 | 06         | 1      | 156                        |                      | 0.63        | 15.88 | 0.94 | 23.80 |
|                                 |            | 2      | 157                        |                      | 0.63        | 15.88 | 0.94 | 23.80 |
| 44                              | 01         | 1      | 87                         | 44                   | 0.88        | 22.23 | 1.25 | 31.75 |
|                                 |            | 2      | 88                         |                      | 0.88        | 22.23 | 1.25 | 31.75 |
|                                 | 02         | 1      | 89                         |                      | 1.00        | 25.40 | 1.38 | 34.93 |
|                                 |            | 2      | 90                         |                      | 1.00        | 25.40 | 1.38 | 34.93 |
|                                 | 03         | 1      | 91                         |                      | 1.25        | 31.75 | 1.63 | 41.28 |
|                                 |            | 2      | 92                         |                      | 1.25        | 31.75 | 1.63 | 41.28 |
|                                 | 04         | 1      | 93                         |                      | 1.44        | 36.50 | 1.88 | 47.63 |
|                                 |            | 2      | 94                         |                      | 1.44        | 36.50 | 1.88 | 47.63 |
|                                 | 05         | 1      | 154                        |                      | 0.63        | 15.88 | 0.94 | 23.80 |
|                                 |            | 2      | 155                        |                      | 0.63        | 15.88 | 0.94 | 23.80 |
| 48                              | 01         | 1      | 95                         | 48                   | 0.88        | 22.23 | 1.25 | 31.75 |
|                                 |            | 2      | 96                         |                      | 0.88        | 22.23 | 1.25 | 31.75 |
|                                 | 02         | 1      | 97                         |                      | 1.00        | 25.40 | 1.38 | 34.93 |
|                                 |            | 2      | 98                         |                      | 1.00        | 25.40 | 1.38 | 34.93 |
|                                 | 03         | 1      | 99                         |                      | 1.25        | 31.75 | 1.63 | 41.28 |
|                                 |            | 2      | 100                        |                      | 1.25        | 31.75 | 1.63 | 41.28 |
|                                 | 04         | 1      | 101                        |                      | 1.44        | 36.50 | 1.88 | 47.63 |
|                                 |            | 2      | 102                        |                      | 1.44        | 36.50 | 1.88 | 47.63 |

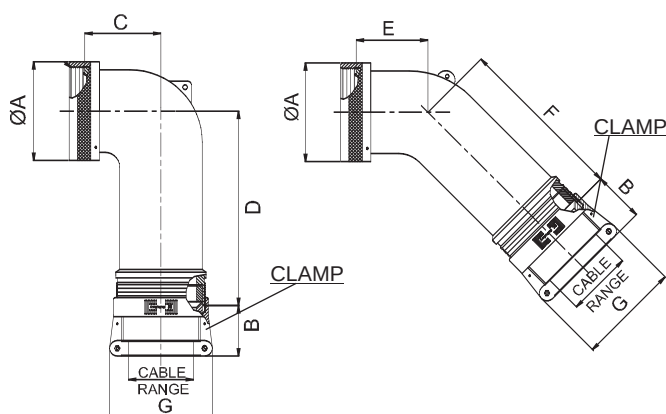
(\*) ----- DENOTES STYLE 2





## Connector Group - J

90°, 45°



## Amphenol Part Number

BE1 X X J 99 99 9 X X

Series ———

Angle ———  
A: 90deg  
B: 45deg

Coupling ———  
R: spin

Connector group ———

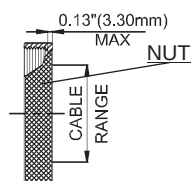
Finish: see Table-2

End clamp  
C: clamp  
N: nut

Length  
9: Not applicable

Entry size  
See Table-B

Shell size  
See Table-B



## MIL Part Number

M85049 / 99 9 X

MIL Series ———

Slash sheet ———  
9: 90deg bent, spin coupling  
7: 45deg bent, spin coupling

Finish:  
See Table-2

Dash Number:  
See Table-A

NOTE: \* For more cable entry options, contact factory

TABLE - B

| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |    | MIL PART<br>NUMBER<br>DESIGNATOR | CONNECTOR<br>SHELL SIZE | A DIA. (MAX) |       | B (REF) |       | C (MAX) |       | D (MAX) |       | E (MAX) |       | F (MAX) |       |
|---------------------------------------|----|----------------------------------|-------------------------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
|                                       |    |                                  |                         | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    |
| 08                                    | 01 | 3                                | 8                       | 0.62         | 15.67 | 1.03    | 26.09 | 0.67    | 17.02 | 1.26    | 32.00 | 0.63    | 16.00 | 1.25    | 31.75 |
| 10                                    | 01 | 4                                | 10                      | 0.73         | 18.64 | 1.03    | 26.09 | 0.76    | 19.30 | 1.98    | 50.29 | 0.69    | 17.53 | 1.92    | 48.77 |
|                                       | 02 | 49*                              |                         | 0.73         | 18.64 | 1.03    | 26.09 | 1.52    | 38.61 | 2.00    | 50.80 | 1.50    | 38.10 | 1.98    | 50.29 |
|                                       | 03 | 5                                |                         | 0.73         | 18.64 | 1.03    | 26.09 | 0.76    | 19.30 | 1.38    | 35.05 | 0.69    | 17.53 | 1.31    | 33.27 |
| 12                                    | 01 | 6                                | 7/12                    | 0.86         | 21.79 | 1.03    | 26.09 | 0.77    | 19.56 | 2.00    | 50.80 | 0.75    | 19.05 | 1.98    | 50.29 |
|                                       | 02 | 71*                              |                         | 0.86         | 21.79 | 1.03    | 26.09 | 1.81    | 45.97 | 2.16    | 54.86 | 1.65    | 41.91 | 2.18    | 55.37 |
|                                       | 03 | 7                                |                         | 0.86         | 21.79 | 1.03    | 26.09 | 0.77    | 19.56 | 2.00    | 50.80 | 0.75    | 19.05 | 1.98    | 50.29 |
|                                       | 04 | 8                                |                         | 0.86         | 21.79 | 1.03    | 26.09 | 0.77    | 19.56 | 1.40    | 35.56 | 0.75    | 19.05 | 1.98    | 50.29 |
| 14                                    | 01 | 9                                | 12/14                   | 0.98         | 24.99 | 1.03    | 26.09 | 0.87    | 22.10 | 2.07    | 52.58 | 0.81    | 20.57 | 2.07    | 52.58 |
|                                       | 02 | 10                               |                         | 0.98         | 24.99 | 1.03    | 26.09 | 0.87    | 22.10 | 1.72    | 43.69 | 0.81    | 20.57 | 1.72    | 43.69 |
|                                       | 03 | 50*                              |                         | 0.98         | 24.99 | 1.06    | 26.90 | 1.89    | 48.01 | 2.33    | 59.18 | 1.84    | 46.74 | 2.37    | 60.20 |
|                                       | 04 | 74                               |                         | 0.98         | 24.99 | 1.03    | 26.09 | 0.87    | 22.10 | 2.07    | 52.58 | 0.81    | 20.57 | 2.07    | 52.58 |
| 16                                    | 01 | 11                               | 19/16                   | 1.11         | 28.24 | 1.03    | 26.09 | 1.05    | 26.67 | 2.16    | 54.86 | 0.91    | 23.11 | 2.18    | 55.37 |
|                                       | 02 | 12                               |                         | 1.11         | 28.24 | 1.06    | 26.90 | 1.05    | 26.67 | 1.81    | 45.97 | 0.91    | 23.11 | 1.82    | 46.23 |
|                                       | 03 | 40                               |                         | 1.11         | 28.24 | 1.03    | 26.09 | 1.05    | 26.67 | 2.16    | 54.86 | 0.91    | 23.11 | 2.18    | 55.37 |
|                                       | 04 | 51*                              |                         | 1.11         | 28.24 | 1.16    | 29.36 | 2.04    | 51.82 | 2.44    | 61.98 | 1.94    | 49.28 | 2.52    | 64.01 |
|                                       | 05 | 75                               |                         | 1.11         | 28.24 | 1.03    | 26.09 | 1.05    | 26.67 | 2.16    | 54.86 | 0.91    | 23.11 | 2.18    | 55.37 |

Table Continued

### Connector Group - J

90°, 45°

| TABLE - B                             |               |                                  |                         |              |       |         |       |         |       |         |       |         |       |         |       |
|---------------------------------------|---------------|----------------------------------|-------------------------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |               | MIL PART<br>NUMBER<br>DESIGNATOR | CONNECTOR<br>SHELL SIZE | A DIA. (MAX) |       | B (REF) |       | C (MAX) |       | D (MAX) |       | E (MAX) |       | F (MAX) |       |
| SHELL<br>SIZE                         | ENTRY<br>SIZE | DASH NO                          |                         | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    |
| 18                                    | 01            | 13                               | 27/18                   | 1.22         | 30.94 | 1.03    | 26.09 | 1.14    | 28.96 | 2.33    | 59.18 | 1.09    | 27.69 | 2.37    | 60.20 |
|                                       | 02            | 14                               |                         | 1.22         | 30.94 | 1.16    | 29.36 | 1.14    | 28.96 | 1.98    | 50.29 | 1.09    | 27.69 | 2.00    | 50.80 |
|                                       | 03            | 41                               |                         | 1.22         | 30.94 | 1.03    | 26.09 | 1.14    | 28.96 | 2.33    | 59.18 | 1.09    | 27.69 | 2.37    | 60.20 |
|                                       | 04            | 42                               |                         | 1.22         | 30.94 | 1.03    | 26.09 | 1.14    | 28.96 | 2.33    | 59.18 | 1.09    | 27.69 | 2.37    | 60.20 |
|                                       | 05            | 52                               |                         | 1.22         | 30.94 | 1.06    | 26.90 | 1.14    | 28.96 | 2.33    | 59.18 | 1.09    | 27.69 | 2.37    | 60.20 |
|                                       | 06            | 72*                              |                         | 1.22         | 30.94 | 1.16    | 29.36 | 2.05    | 52.07 | 2.44    | 61.98 | 1.94    | 49.28 | 2.52    | 64.01 |
| 20                                    | 01            | 15                               | 37/20                   | 1.35         | 34.16 | 1.03    | 26.09 | 1.14    | 28.96 | 2.33    | 59.18 | 1.09    | 27.69 | 2.37    | 60.20 |
|                                       | 02            | 16                               |                         | 1.35         | 34.16 | 1.16    | 29.36 | 1.14    | 28.96 | 1.98    | 50.29 | 1.09    | 27.69 | 2.00    | 50.80 |
|                                       | 03            | 43                               |                         | 1.35         | 34.16 | 1.03    | 26.09 | 1.14    | 28.96 | 2.33    | 59.18 | 1.09    | 27.69 | 2.37    | 60.20 |
|                                       | 04            | 54                               |                         | 1.35         | 34.16 | 1.06    | 26.90 | 1.14    | 28.96 | 2.33    | 59.18 | 1.09    | 27.69 | 2.37    | 60.20 |
|                                       | 05            | 55                               |                         | 1.35         | 34.16 | 1.38    | 34.93 | 2.14    | 54.36 | 2.61    | 66.29 | 2.06    | 52.32 | 2.57    | 65.28 |
|                                       | 06            | 72*                              |                         | 1.35         | 34.16 | 1.16    | 29.36 | 2.05    | 52.07 | 2.44    | 61.98 | 1.94    | 49.28 | 2.52    | 64.01 |
| 22                                    | 01            | 17                               | 22                      | 1.47         | 37.29 | 1.06    | 26.90 | 1.29    | 32.77 | 2.44    | 61.98 | 1.19    | 30.23 | 2.52    | 64.01 |
|                                       | 02            | 18                               |                         | 1.47         | 37.29 | 1.38    | 34.93 | 1.29    | 32.77 | 2.09    | 53.09 | 1.19    | 30.23 | 2.16    | 54.86 |
|                                       | 03            | 44                               |                         | 1.47         | 37.29 | 1.03    | 26.09 | 1.29    | 32.77 | 2.44    | 61.98 | 1.19    | 30.23 | 2.52    | 64.01 |
|                                       | 04            | 45                               |                         | 1.47         | 37.29 | 1.03    | 26.09 | 1.29    | 32.77 | 2.44    | 61.98 | 1.19    | 30.23 | 2.52    | 64.01 |
|                                       | 05            | 56                               |                         | 1.47         | 37.29 | 1.03    | 26.09 | 1.29    | 32.77 | 2.44    | 61.98 | 1.19    | 30.23 | 2.52    | 64.01 |
|                                       | 06            | 57                               |                         | 1.47         | 37.29 | 1.16    | 29.36 | 1.29    | 32.77 | 2.44    | 61.98 | 1.19    | 30.23 | 2.52    | 64.01 |
| 24                                    | 01            | 19                               | 24                      | 1.59         | 40.46 | 1.06    | 26.90 | 1.29    | 32.77 | 2.44    | 61.98 | 1.19    | 30.23 | 2.52    | 64.01 |
|                                       | 02            | 20                               |                         | 1.59         | 40.46 | 1.38    | 34.93 | 1.29    | 32.77 | 2.09    | 53.09 | 1.19    | 30.23 | 2.16    | 54.86 |
|                                       | 03            | 46                               |                         | 1.59         | 40.46 | 1.03    | 26.09 | 1.29    | 32.77 | 2.44    | 61.98 | 1.19    | 30.23 | 2.52    | 64.01 |
|                                       | 04            | 59                               |                         | 1.59         | 40.46 | 1.16    | 29.36 | 1.29    | 32.77 | 2.44    | 61.98 | 1.19    | 30.23 | 2.52    | 64.01 |
|                                       | 05            | 73*                              |                         | 1.59         | 40.46 | 1.38    | 34.93 | 2.15    | 54.61 | 2.61    | 66.29 | 2.06    | 52.32 | 2.57    | 65.28 |
|                                       | 06            | 74*                              |                         | 1.59         | 40.46 | 1.06    | 26.90 | 1.29    | 32.77 | 2.44    | 61.98 | 1.19    | 30.23 | 2.52    | 64.01 |
| 28                                    | 01            | 21                               | 28                      | 1.97         | 50.01 | 1.16    | 29.36 | 1.39    | 35.31 | 2.61    | 66.29 | 1.31    | 33.27 | 2.57    | 65.28 |
|                                       | 02            | 22                               |                         | 1.97         | 50.01 | 1.50    | 38.10 | 1.39    | 35.31 | 2.26    | 57.40 | 1.31    | 33.27 | 2.22    | 56.39 |
|                                       | 03            | 60                               |                         | 1.97         | 50.01 | 1.06    | 26.90 | 1.39    | 35.31 | 2.61    | 66.29 | 1.31    | 33.27 | 2.57    | 65.28 |
|                                       | 04            | 61                               |                         | 1.97         | 50.01 | 1.38    | 34.93 | 1.39    | 35.31 | 2.61    | 66.29 | 1.31    | 33.27 | 2.57    | 65.28 |
|                                       | 05            | 75*                              |                         | 1.97         | 50.01 | 1.16    | 29.36 | 1.39    | 35.31 | 2.61    | 66.29 | 1.31    | 33.27 | 2.57    | 65.28 |
|                                       | 06            | 76*                              |                         | 1.97         | 50.01 | 1.50    | 38.10 | 1.39    | 35.31 | 2.26    | 57.40 | 1.31    | 33.27 | 2.22    | 56.39 |
| 32                                    | 01            | 23                               | 32                      | 2.22         | 56.36 | 1.16    | 29.36 | 1.74    | 44.20 | 2.86    | 72.64 | 1.38    | 35.05 | 2.67    | 67.82 |
|                                       | 02            | 24                               |                         | 2.22         | 56.36 | 1.38    | 34.93 | 1.74    | 44.20 | 2.86    | 72.64 | 1.38    | 35.05 | 2.67    | 67.82 |
|                                       | 03            | 25                               |                         | 2.22         | 56.36 | 1.78    | 45.24 | 1.74    | 44.20 | 2.51    | 63.75 | 1.38    | 35.05 | 2.32    | 58.93 |
|                                       | 04            | 62                               |                         | 2.22         | 56.36 | 1.50    | 38.10 | 1.74    | 44.20 | 2.86    | 72.64 | 1.38    | 35.05 | 2.67    | 67.82 |
|                                       | 05            | 77*                              |                         | 2.22         | 56.36 | 1.16    | 29.36 | 1.74    | 44.20 | 2.86    | 72.64 | 1.38    | 35.05 | 2.67    | 67.82 |
|                                       | 06            | 78*                              |                         | 2.22         | 56.36 | 1.38    | 34.93 | 1.74    | 44.20 | 2.86    | 72.64 | 1.38    | 35.05 | 2.67    | 67.82 |
| 36                                    | 01            | 26                               | 36                      | 2.47         | 62.71 | 1.16    | 29.36 | 1.94    | 49.28 | 2.83    | 71.88 | 1.41    | 35.81 | 2.76    | 70.10 |
|                                       | 02            | 27                               |                         | 2.47         | 62.71 | 1.50    | 38.10 | 1.94    | 49.28 | 2.83    | 71.88 | 1.41    | 35.81 | 2.76    | 70.10 |
|                                       | 03            | 28                               |                         | 2.47         | 62.71 | 1.83    | 46.48 | 1.94    | 49.28 | 2.48    | 62.99 | 1.41    | 35.81 | 2.41    | 61.21 |
|                                       | 04            | 47                               |                         | 2.47         | 62.71 | 1.06    | 26.90 | 1.94    | 49.28 | 2.83    | 71.88 | 1.41    | 35.81 | 2.76    | 70.10 |
|                                       | 05            | 63                               |                         | 2.47         | 62.71 | 1.38    | 34.93 | 1.94    | 49.28 | 2.83    | 71.88 | 1.41    | 35.81 | 2.76    | 70.10 |
|                                       | 06            | 64                               |                         | 2.47         | 62.71 | 1.78    | 45.24 | 1.94    | 49.28 | 2.83    | 71.88 | 1.41    | 35.81 | 2.76    | 70.10 |
| 40                                    | 01            | 29                               | 40                      | 2.72         | 69.06 | 1.16    | 29.36 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 | 2.76    | 70.10 |
|                                       | 02            | 30                               |                         | 2.72         | 69.06 | 1.50    | 38.10 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 | 2.76    | 70.10 |
|                                       | 03            | 31                               |                         | 2.72         | 69.06 | 1.83    | 46.48 | 2.69    | 68.33 | 2.48    | 62.99 | 2.16    | 54.86 | 2.41    | 61.21 |
|                                       | 04            | 48                               |                         | 2.72         | 69.06 | 1.06    | 26.90 | 1.94    | 49.28 | 2.83    | 71.88 | 2.16    | 54.86 | 2.76    | 70.10 |
|                                       | 05            | 65                               |                         | 2.72         | 69.06 | 1.38    | 34.93 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 | 2.76    | 70.10 |
|                                       | 06            | 66                               |                         | 2.72         | 69.06 | 1.78    | 45.24 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 | 2.76    | 70.10 |
| 44                                    | 01            | 32                               | 44                      | 2.97         | 75.41 | 1.16    | 29.36 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 | 2.76    | 70.10 |
|                                       | 02            | 33                               |                         | 2.97         | 75.41 | 1.50    | 38.10 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 | 2.76    | 70.10 |
|                                       | 03            | 34                               |                         | 2.97         | 75.41 | 1.83    | 46.48 | 2.69    | 68.33 | 2.48    | 62.99 | 2.16    | 54.86 | 2.41    | 61.21 |
|                                       | 04            | 67                               |                         | 2.97         | 75.41 | 1.38    | 34.93 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 | 2.76    | 70.10 |
|                                       | 05            | 68                               |                         | 2.97         | 75.41 | 1.78    | 45.24 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 | 2.76    | 70.10 |
|                                       | 06            | 69                               |                         | 2.97         | 75.41 | 1.16    | 29.36 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 | 2.76    | 70.10 |
| 48                                    | 01            | 35                               | 48                      | 3.22         | 81.76 | 1.16    | 29.36 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 | 2.76    | 70.10 |
|                                       | 02            | 36                               |                         | 3.22         | 81.76 | 1.50    | 38.10 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 | 2.76    | 70.10 |
|                                       | 03            | 37                               |                         | 3.22         | 81.76 | 1.83    | 46.48 | 2.69    | 68.33 | 2.48    | 62.99 | 2.16    | 54.86 | 2.41    | 61.21 |
|                                       | 04            | 69                               |                         | 3.22         | 81.76 | 1.38    | 34.93 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 | 2.76    | 70.10 |
|                                       | 05            | 70                               |                         | 3.22         | 81.76 | 1.78    | 45.24 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 | 2.76    | 70.10 |
|                                       | 06            | 71                               |                         | 3.22         | 81.76 | 1.16    | 29.36 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 | 2.76    | 70.10 |

(\*) ----- DENOTES STYLE 2

Table Continued

## Connector Group - J

90°, 45°

| TABLE - B                             |               |                                  |                         |         |       |             |       |      |       |
|---------------------------------------|---------------|----------------------------------|-------------------------|---------|-------|-------------|-------|------|-------|
| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |               | MIL PART<br>NUMBER<br>DESIGNATOR | CONNECTOR<br>SHELL SIZE | G (MAX) |       | CABLE RANGE |       |      |       |
| SHELL<br>SIZE                         | ENTRY<br>SIZE | DASH NO                          |                         | INCH    | MM    | MIN         |       | MAX  |       |
|                                       |               |                                  |                         |         |       | INCH        | MM    | INCH | MM    |
| 08                                    | 01            | 3                                | 8                       | 0.96    | 24.31 | 0.13        | 3.18  | 0.25 | 6.35  |
| 10                                    | 01            | 4                                | 10                      | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
|                                       | 02            | 49*                              |                         | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                       | 03            | 5                                |                         | 1.15    | 29.08 | 0.25        | 6.35  | 0.38 | 9.53  |
| 12                                    | 01            | 6                                | 7/12                    | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
|                                       | 02            | 71*                              |                         | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                       | 03            | 7                                |                         | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                       | 04            | 8                                |                         | 1.33    | 33.83 | 0.35        | 8.89  | 0.50 | 12.70 |
| 14                                    | 01            | 9                                | 12/14                   | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                       | 02            | 10                               |                         | 1.33    | 33.83 | 0.35        | 8.89  | 0.58 | 14.61 |
|                                       | 03            | 50*                              |                         | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                       | 04            | 74                               |                         | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
| 16                                    | 01            | 11                               | 19/16                   | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                       | 02            | 12                               |                         | 1.55    | 39.40 | 0.50        | 12.70 | 0.70 | 17.78 |
|                                       | 03            | 40                               |                         | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                       | 04            | 51*                              |                         | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 05            | 75                               |                         | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
| 18                                    | 01            | 13                               | 27/18                   | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                       | 02            | 14                               |                         | 1.77    | 44.96 | 0.63        | 15.88 | 0.78 | 19.79 |
|                                       | 03            | 41                               |                         | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
|                                       | 04            | 42                               |                         | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                       | 05            | 52                               |                         | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                       | 06            | 72*                              |                         | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
| 20                                    | 01            | 15                               | 37/20                   | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                       | 02            | 16                               |                         | 1.77    | 44.96 | 0.63        | 15.88 | 0.90 | 22.96 |
|                                       | 03            | 43                               |                         | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                       | 04            | 54                               |                         | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                       | 05            | 55                               |                         | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
| 22                                    | 01            | 17                               | 22                      | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                       | 02            | 18                               |                         | 2.11    | 53.67 | 0.88        | 22.23 | 1.03 | 26.14 |
|                                       | 03            | 44                               |                         | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
|                                       | 04            | 45                               |                         | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                       | 05            | 56                               |                         | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                       | 06            | 57                               |                         | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 07            | 58*                              |                         | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
| 24                                    | 01            | 19                               | 24                      | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                       | 02            | 20                               |                         | 2.11    | 53.67 | 0.88        | 22.23 | 1.14 | 29.06 |
|                                       | 03            | 46                               |                         | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                       | 04            | 59                               |                         | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 05            | 73*                              |                         | 2.12    | 53.75 | 0.88        | 22.23 | 1.25 | 31.75 |
| 28                                    | 01            | 21                               | 28                      | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 02            | 22                               |                         | 2.36    | 60.02 | 1.00        | 25.40 | 1.38 | 34.93 |
|                                       | 03            | 60                               |                         | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                       | 04            | 61                               |                         | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
| 32                                    | 01            | 23                               | 32                      | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 02            | 24                               |                         | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
|                                       | 03            | 25                               |                         | 2.77    | 70.36 | 1.25        | 31.75 | 1.63 | 41.28 |
|                                       | 04            | 62                               |                         | 2.36    | 60.02 | 1.00        | 25.40 | 1.38 | 34.93 |
| 36                                    | 01            | 26                               | 36                      | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 02            | 27                               |                         | 2.36    | 60.02 | 1.00        | 25.40 | 1.38 | 34.93 |
|                                       | 03            | 28                               |                         | 3.02    | 76.71 | 1.44        | 36.50 | 1.84 | 46.74 |
|                                       | 04            | 47                               |                         | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                       | 05            | 63                               |                         | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
|                                       | 06            | 64                               |                         | 2.77    | 70.36 | 1.25        | 31.75 | 1.63 | 41.28 |

Table Continued

Connector Group - J

90°, 45°

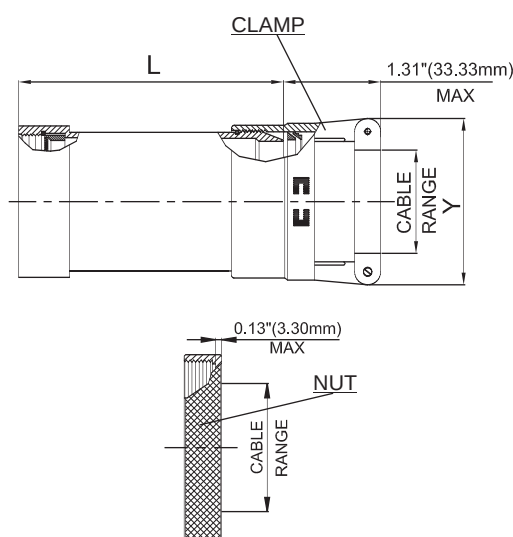
| TABLE - B                             |               |                                  |                         |         |       |             |       |      |       |
|---------------------------------------|---------------|----------------------------------|-------------------------|---------|-------|-------------|-------|------|-------|
| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |               | MIL PART<br>NUMBER<br>DESIGNATOR | CONNECTOR<br>SHELL SIZE | G (MAX) |       | CABLE RANGE |       |      |       |
| SHELL<br>SIZE                         | ENTRY<br>SIZE | DASH NO                          |                         |         |       | MIN         |       | MAX  |       |
|                                       |               |                                  |                         | INCH    | MM    | INCH        | MM    | INCH | MM    |
| 40                                    | 01            | 29                               | 40                      | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 02            | 30                               |                         | 2.36    | 60.02 | 1.00        | 25.40 | 1.38 | 34.93 |
|                                       | 03            | 31                               |                         | 3.02    | 76.71 | 1.44        | 36.50 | 1.88 | 47.63 |
|                                       | 04            | 48                               |                         | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                       | 05            | 65                               |                         | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
|                                       | 06            | 66                               |                         | 2.77    | 70.36 | 1.25        | 31.75 | 1.63 | 41.28 |
| 44                                    | 01            | 32                               | 44                      | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 02            | 33                               |                         | 2.36    | 60.02 | 1.00        | 25.40 | 1.38 | 34.93 |
|                                       | 03            | 34                               |                         | 3.02    | 76.71 | 1.44        | 36.50 | 1.88 | 47.63 |
|                                       | 04            | 67                               |                         | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
|                                       | 05            | 68                               |                         | 2.77    | 70.36 | 1.25        | 31.75 | 1.63 | 41.28 |
| 48                                    | 01            | 35                               | 48                      | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 02            | 36                               |                         | 2.36    | 60.02 | 1.00        | 25.40 | 1.38 | 34.93 |
|                                       | 03            | 37                               |                         | 3.02    | 76.71 | 1.44        | 36.50 | 1.88 | 47.63 |
|                                       | 04            | 69                               |                         | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
|                                       | 05            | 70                               |                         | 2.77    | 70.36 | 1.25        | 31.75 | 1.63 | 41.28 |

(\*) ----- DENOTES STYLE 2



## Connector Group - K

## Straight



## Amphenol Part Number

```

graph TD
    Root["Cable specification"] --> Series["Series"]
    Root --> Coupling["Coupling"]
    Series --> BE1["BE1"]
    Series --> S["S"]
    Series --> X["X"]
    Series --> K["K"]
    Coupling --> R["R: spin"]
    Coupling --> D["D: direct"]
    Series --> Angle["Angle"]
    Series --> CG["Connector group"]
    Angle --> S_straight["S: straight"]
    CG --> 99_1["99"]
    CG --> 99_2["99"]
    CG --> 9["9"]
    CG --> X_1["X"]
    CG --> X_2["X"]
    Coupling --> Entry["Entry size"]
    Coupling --> Shell["Shell size"]
    Angle --> EndClamp["End clamp"]
    Angle --> Length["Length"]
    EndClamp --> C["C: clamp"]
    EndClamp --> N["N: nut"]
    EndClamp --> Finish["Finish: see Table-2"]
    Entry --> EntryRef["See Table-A"]
    Shell --> ShellRef["See Table-A"]
    Length --> LengthRef["See Table-A"]
  
```

**NOTE:** \* For more cable entry and length options, contact factory

| TABLE - A                       |            |        |                                     |             |       |      |       |         |       |         |       |
|---------------------------------|------------|--------|-------------------------------------|-------------|-------|------|-------|---------|-------|---------|-------|
| AMPHENOL PART NUMBER DESIGNATOR |            |        | CONNECTOR SHELL SIZE<br>SE – II / I | CABLE RANGE |       |      |       | L (MAX) |       | Y (MAX) |       |
| SHELL SIZE                      | ENTRY SIZE | LENGTH |                                     | MIN         |       | MAX  |       | INCH    | MM    | INCH    | MM    |
|                                 |            |        |                                     | INCH        | MM    | INCH | MM    |         |       |         |       |
| 08                              | 01         | 1      | 8 / 9                               | 0.06        | 1.57  | 0.13 | 3.18  | 1.53    | 38.86 | 0.78    | 19.81 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26 |         |       |
|                                 | 02         | 1      |                                     | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26 |         |       |
| 10                              | 01         | 1      | 10 / 11                             | 0.06        | 1.57  | 0.13 | 3.18  | 1.53    | 38.86 | 0.78    | 19.81 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26 |         |       |
|                                 | 02         | 1      |                                     | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26 |         |       |
|                                 | 03         | 1      |                                     | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26 |         |       |
| 12                              | 01         | 1      | 12 / 13                             | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26 |         |       |
|                                 | 02         | 1      |                                     | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26 |         |       |
|                                 | 03         | 1      |                                     | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86 | 1.16    | 29.46 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26 |         |       |
| 14                              | 01         | 1      | 14 / 15                             | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26 |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66 |         |       |
|                                 | 02         | 1      |                                     | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26 |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66 |         |       |
|                                 | 03         | 1      |                                     | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86 | 1.16    | 29.46 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26 |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66 |         |       |
|                                 | 04         | 1      |                                     | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86 | 1.25    | 31.75 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26 |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66 |         |       |

Table Continued

### Connector Group - K

### Straight

| TABLE - A                       |            |        |                                     |             |       |      |       |         |        |         |       |
|---------------------------------|------------|--------|-------------------------------------|-------------|-------|------|-------|---------|--------|---------|-------|
| AMPHENOL PART NUMBER DESIGNATOR |            |        | CONNECTOR SHELL SIZE<br>SE – II / I | CABLE RANGE |       |      |       | L (MAX) |        | Y (MAX) |       |
| SHELL SIZE                      | ENTRY SIZE | LENGTH |                                     | MIN         |       | MAX  |       | INCH    | MM     | INCH    | MM    |
|                                 |            |        |                                     | INCH        | MM    | INCH | MM    |         |        |         |       |
| 16                              | 01         | 1      | 16 / 17                             | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86  | 0.97    | 24.64 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 | 02         | 1      |                                     | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 | 03         | 1      |                                     | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 | 04         | 1      |                                     | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 | 05         | 1      |                                     | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
| 18                              | 01         | 1      | 18 / 19                             | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 | 02         | 1      |                                     | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 | 03         | 1      |                                     | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 | 04         | 1      |                                     | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 | 05         | 1      |                                     | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
| 20                              | 01         | 1      | 20 / 21                             | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |
|                                 | 02         | 1      |                                     | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |
|                                 | 03         | 1      |                                     | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |
|                                 | 04         | 1      |                                     | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |
|                                 | 05         | 1      |                                     | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |
|                                 | 06         | 1      |                                     | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |

Table Continued

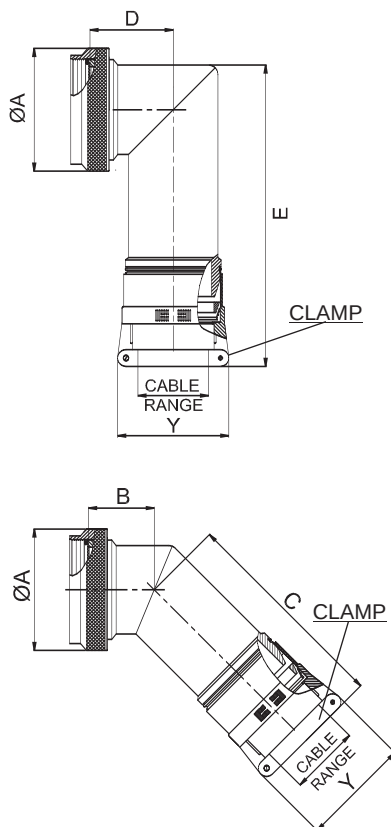
## Connector Group - K

## Straight

| TABLE - A                       |            |        |                                     |             |       |      |       |         |        |         |       |
|---------------------------------|------------|--------|-------------------------------------|-------------|-------|------|-------|---------|--------|---------|-------|
| AMPHENOL PART NUMBER DESIGNATOR |            |        | CONNECTOR SHELL SIZE<br>SE – II / I | CABLE RANGE |       |      |       | L (MAX) |        | Y (MAX) |       |
| SHELL SIZE                      | ENTRY SIZE | LENGTH |                                     | MIN         |       | MAX  |       | INCH    | MM     | INCH    | MM    |
|                                 |            |        |                                     | INCH        | MM    | INCH | MM    |         |        |         |       |
| 22                              | 01         | 1      | 22 / 23                             | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |
|                                 | 02         | 1      |                                     | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |
|                                 | 03         | 1      |                                     | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |
|                                 | 04         | 1      |                                     | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |
|                                 | 05         | 1      |                                     | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |
|                                 | 06         | 1      |                                     | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |
|                                 | 07         | 1      |                                     | 0.94        | 23.80 | 1.13 | 28.58 | 1.53    | 38.86  | 1.75    | 44.45 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |
| 24                              | 01         | 1      | 24 / 25                             | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |
|                                 | 02         | 1      |                                     | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |
|                                 | 03         | 1      |                                     | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |
|                                 | 04         | 1      |                                     | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |
|                                 | 05         | 1      |                                     | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |
|                                 | 06         | 1      |                                     | 0.94        | 23.80 | 1.13 | 28.58 | 1.53    | 38.86  | 1.75    | 44.45 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |
|                                 | 07         | 1      |                                     | 1.06        | 26.97 | 1.25 | 31.75 | 1.53    | 38.86  | 1.88    | 47.75 |
|                                 |            | 2      |                                     |             |       |      |       | 2.53    | 64.26  |         |       |
|                                 |            | 3      |                                     |             |       |      |       | 3.53    | 89.66  |         |       |
|                                 |            | 4      |                                     |             |       |      |       | 4.53    | 115.06 |         |       |

### Connector Group - K

90°, 45°

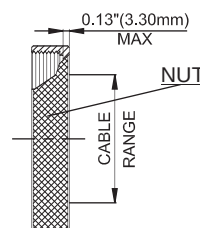


#### Amphenol Part Number

BE1 X X K 99 99 9 X X

Series ————  
Angle ————  
A: 90deg  
B: 45deg  
Coupling ————  
R: spin  
D: direct  
Connector group ————

Finish: see Table-2  
End clamp  
C: clamp  
N: nut  
Length  
9: Not applicable  
Entry size  
See Table-B  
Shell size  
See Table-B



**NOTE:** \* For more cable entry options, contact factory

| TABLE - B                             |               |                                        |             |       |      |       |              |       |         |       |         |       |         |       |         |       |         |       |
|---------------------------------------|---------------|----------------------------------------|-------------|-------|------|-------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |               | CONNECTOR<br>SHELL SIZE<br>SE – II / I | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |       | Y (MAX) |       |
| SHELL<br>SIZE                         | ENTRY<br>SIZE |                                        | MIN         |       | MAX  |       | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    |
|                                       |               |                                        | INCH        | MM    | INCH | MM    |              |       |         |       |         |       |         |       |         |       |         |       |
| 08                                    | 01            | 8 / 9                                  | 0.06        | 1.57  | 0.13 | 3.18  | 0.75         | 19.05 | 0.46    | 11.68 | 3.15    | 80.01 | 0.69    | 17.53 | 3.46    | 87.88 | 0.78    | 19.81 |
|                                       | 02            |                                        | 0.13        | 3.18  | 0.25 | 6.35  |              |       |         |       |         |       |         |       |         |       | 0.97    | 24.64 |
| 10                                    | 01            | 10 / 11                                | 0.06        | 1.57  | 0.13 | 3.18  | 0.85         | 21.59 | 0.52    | 13.21 | 3.21    | 81.53 | 0.78    | 19.81 | 3.58    | 90.93 | 0.78    | 19.81 |
|                                       | 02            |                                        | 0.13        | 3.18  | 0.25 | 6.35  |              |       |         |       |         |       |         |       |         |       | 0.97    | 24.64 |
|                                       | 03            |                                        | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
| 12                                    | 01            | 12 / 13                                | 0.13        | 3.18  | 0.25 | 6.35  | 1.00         | 25.40 | 0.58    | 14.73 | 3.27    | 83.06 | 0.80    | 20.32 | 3.60    | 91.44 | 0.97    | 24.64 |
|                                       | 02            |                                        | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
|                                       | 03            |                                        | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.16    | 29.46 |
| 14                                    | 01            | 14 / 15                                | 0.13        | 3.18  | 0.25 | 6.35  | 1.15         | 29.21 | 0.65    | 16.51 | 3.36    | 85.34 | 0.88    | 22.35 | 3.67    | 93.22 | 0.97    | 24.64 |
|                                       | 02            |                                        | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
|                                       | 03            |                                        | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.16    | 29.46 |
|                                       | 04            |                                        | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |       | 1.25    | 31.75 |
| 16                                    | 01            | 16 / 17                                | 0.13        | 3.18  | 0.25 | 6.35  | 1.25         | 31.75 | 0.74    | 18.80 | 3.47    | 88.14 | 0.93    | 23.62 | 3.76    | 95.50 | 0.97    | 24.64 |
|                                       | 02            |                                        | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
|                                       | 03            |                                        | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.16    | 29.46 |
|                                       | 04            |                                        | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |       | 1.25    | 31.75 |
|                                       | 05            |                                        | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |       | 1.38    | 35.05 |

Table Continued



## Connector Group - K

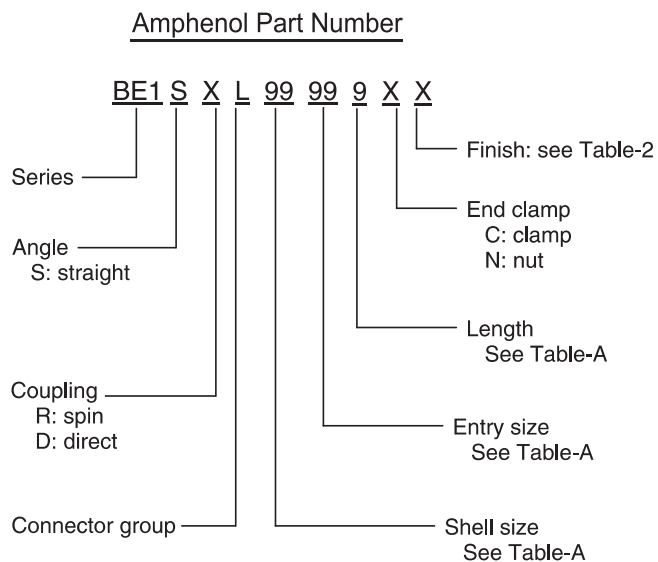
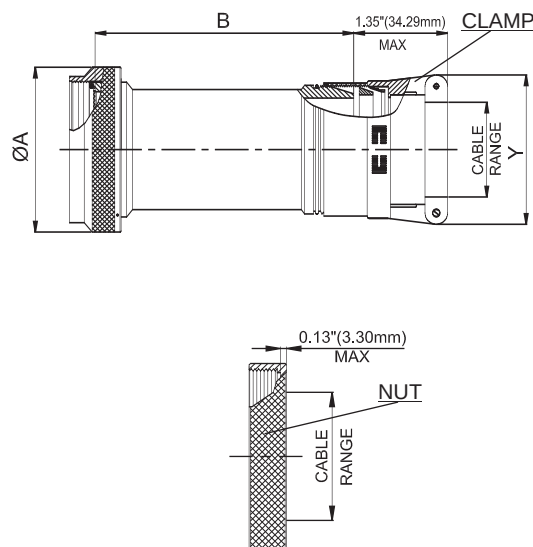
90°, 45°

TABLE - B

| TABLE - B                             |               |                                        |             |       |      |       |              |       |         |       |         |       |         |       |         |        |         |       |
|---------------------------------------|---------------|----------------------------------------|-------------|-------|------|-------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|--------|---------|-------|
| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |               | CONNECTOR<br>SHELL SIZE<br>SE – II / I | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |        | Y (MAX) |       |
| SHELL<br>SIZE                         | ENTRY<br>SIZE |                                        | MIN         |       | MAX  |       | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM     | INCH    | MM    |
|                                       |               |                                        | INCH        | MM    | INCH | MM    |              |       |         |       |         |       |         |       |         |        |         |       |
| 18                                    | 01            | 18 / 19                                | 0.25        | 6.35  | 0.38 | 9.53  | 1.40         | 35.56 | 0.93    | 23.62 | 3.66    | 92.96 | 1.01    | 25.65 | 3.93    | 99.82  | 1.06    | 26.92 |
|                                       | 02            |                                        | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 03            |                                        | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04            |                                        | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 05            |                                        | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
| 20                                    | 01            | 20 / 21                                | 0.25        | 6.35  | 0.38 | 9.53  | 1.55         | 39.37 | 0.93    | 23.62 | 3.66    | 92.96 | 1.06    | 26.92 | 3.93    | 99.82  | 1.06    | 26.92 |
|                                       | 02            |                                        | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 03            |                                        | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04            |                                        | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 05            |                                        | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 06            |                                        | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.63    | 41.40 |
| 22                                    | 01            | 22 / 23                                | 0.25        | 6.35  | 0.38 | 9.53  | 1.65         | 41.91 | 1.02    | 25.91 | 3.81    | 96.77 | 1.17    | 29.72 | 4.04    | 102.62 | 1.06    | 26.92 |
|                                       | 02            |                                        | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 03            |                                        | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04            |                                        | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 05            |                                        | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 06            |                                        | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.63    | 41.40 |
|                                       | 07            |                                        | 0.94        | 23.80 | 1.13 | 28.58 |              |       |         |       |         |       |         |       |         |        | 1.75    | 44.45 |
| 24                                    | 01            | 24 / 25                                | 0.31        | 7.92  | 0.50 | 12.70 | 1.85         | 46.99 | 1.02    | 25.91 | 3.81    | 96.77 | 1.18    | 29.97 | 4.04    | 102.62 | 1.16    | 29.46 |
|                                       | 02            |                                        | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 03            |                                        | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 04            |                                        | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 05            |                                        | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.63    | 41.40 |
|                                       | 06            |                                        | 0.94        | 23.80 | 1.13 | 28.58 |              |       |         |       |         |       |         |       |         |        | 1.75    | 44.45 |
|                                       | 07            |                                        | 1.06        | 26.97 | 1.25 | 31.75 |              |       |         |       |         |       |         |       |         |        | 1.88    | 47.75 |

### Connector Group - L

### Straight



**NOTE:** \* For more cable entry and length options, contact factory

| TABLE - A                          |               |        |                                           |             |       |      |       |              |       |         |       |         |       |
|------------------------------------|---------------|--------|-------------------------------------------|-------------|-------|------|-------|--------------|-------|---------|-------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | CONNECTOR<br>SHELL<br>SIZE/CODE<br>(REF.) | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |       | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH |                                           | MIN         |       | MAX  |       | INCH         | MM    | INCH    | MM    | INCH    | MM    |
|                                    |               |        |                                           | INCH        | MM    | INCH | MM    |              |       |         |       |         |       |
| 08                                 | 01            | 1      | 09 / A                                    | 0.06        | 1.57  | 0.13 | 3.18  | 0.75         | 19.05 | 1.53    | 38.86 | 0.80    | 20.32 |
|                                    |               | 2      |                                           | 0.13        | 3.18  | 0.25 | 6.35  |              |       | 2.53    | 64.26 |         |       |
|                                    | 02            | 1      |                                           | 0.13        | 3.18  | 0.25 | 6.35  |              |       | 1.53    | 38.86 | 1.00    | 25.40 |
|                                    |               | 2      |                                           | 0.13        | 3.18  | 0.25 | 6.35  |              |       | 2.53    | 64.26 |         |       |
| 10                                 | 01            | 1      | 11 / B                                    | 0.06        | 1.57  | 0.13 | 3.18  | 0.85         | 21.59 | 1.53    | 38.86 | 0.80    | 20.32 |
|                                    |               | 2      |                                           | 0.13        | 3.18  | 0.25 | 6.35  |              |       | 2.53    | 64.26 |         |       |
|                                    | 02            | 1      |                                           | 0.13        | 3.18  | 0.25 | 6.35  |              |       | 1.53    | 38.86 | 1.00    | 25.40 |
|                                    |               | 2      |                                           | 0.13        | 3.18  | 0.25 | 6.35  |              |       | 2.53    | 64.26 |         |       |
|                                    | 03            | 1      |                                           | 0.25        | 6.35  | 0.38 | 9.53  |              |       | 1.53    | 38.86 | 1.10    | 27.94 |
|                                    |               | 2      |                                           | 0.25        | 6.35  | 0.38 | 9.53  |              |       | 2.53    | 64.26 |         |       |
| 12                                 | 01            | 1      | 13 / C                                    | 0.13        | 3.18  | 0.25 | 6.35  | 1.00         | 25.40 | 1.53    | 38.86 | 1.00    | 25.40 |
|                                    |               | 2      |                                           | 0.25        | 6.35  | 0.38 | 9.53  |              |       | 2.53    | 64.26 |         |       |
|                                    | 02            | 1      |                                           | 0.25        | 6.35  | 0.38 | 9.53  |              |       | 1.53    | 38.86 | 1.10    | 27.94 |
|                                    |               | 2      |                                           | 0.25        | 6.35  | 0.38 | 9.53  |              |       | 2.53    | 64.26 |         |       |
|                                    | 03            | 1      |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       | 1.53    | 38.86 | 1.20    | 30.48 |
|                                    |               | 2      |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       | 2.53    | 64.26 |         |       |
| 14                                 | 01            | 1      | 15 / D                                    | 0.13        | 3.18  | 0.25 | 6.35  | 1.10         | 27.94 | 1.53    | 38.86 | 1.00    | 25.40 |
|                                    |               | 2      |                                           | 0.13        | 3.18  | 0.25 | 6.35  |              |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                                           | 0.13        | 3.18  | 0.25 | 6.35  |              |       | 3.53    | 89.66 |         |       |
|                                    | 02            | 1      |                                           | 0.25        | 6.35  | 0.38 | 9.53  |              |       | 1.53    | 38.86 | 1.10    | 27.94 |
|                                    |               | 2      |                                           | 0.25        | 6.35  | 0.38 | 9.53  |              |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                                           | 0.25        | 6.35  | 0.38 | 9.53  |              |       | 3.53    | 89.66 |         |       |
|                                    | 03            | 1      |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       | 1.53    | 38.86 | 1.20    | 30.48 |
|                                    |               | 2      |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       | 3.53    | 89.66 |         |       |
|                                    | 04            | 1      |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       | 1.53    | 38.86 | 1.25    | 31.75 |
|                                    |               | 2      |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       | 3.53    | 89.66 |         |       |

Table Continued

## Connector Group - L

## Straight

| TABLE - A                          |               |        |                                           |             |       |      |       |              |       |         |        |         |       |
|------------------------------------|---------------|--------|-------------------------------------------|-------------|-------|------|-------|--------------|-------|---------|--------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | CONNECTOR<br>SHELL<br>SIZE/CODE<br>(REF.) | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |        | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH |                                           | MIN         |       | MAX  |       | INCH         | MM    | INCH    | MM     | INCH    | MM    |
|                                    |               |        |                                           | INCH        | MM    | INCH | MM    |              |       |         |        |         |       |
| 16                                 | 01            | 1      | 17 / E                                    | 0.13        | 3.18  | 0.25 | 6.35  | 1.25         | 31.75 | 1.53    | 38.86  | 1.00    | 25.40 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    | 02            | 1      |                                           | 0.25        | 6.35  | 0.38 | 9.53  |              |       | 1.53    | 38.86  | 1.10    | 27.94 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    | 03            | 1      |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       | 1.53    | 38.86  | 1.20    | 30.48 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    | 04            | 1      |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    | 05            | 1      |                                           | 0.56        | 14.27 | 0.75 | 19.05 |              |       | 1.53    | 38.86  | 1.40    | 35.56 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
| 18                                 | 01            | 1      | 19 / F                                    | 0.25        | 6.35  | 0.38 | 9.53  | 1.40         | 35.56 | 1.53    | 38.86  | 1.10    | 27.94 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    | 02            | 1      |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       | 1.53    | 38.86  | 1.20    | 30.48 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    | 03            | 1      |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    | 04            | 1      |                                           | 0.56        | 14.27 | 0.75 | 19.05 |              |       | 1.53    | 38.86  | 1.40    | 35.56 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    | 05            | 1      |                                           | 0.69        | 17.45 | 0.88 | 22.23 |              |       | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
| 20                                 | 01            | 1      | 21 / G                                    | 0.25        | 6.35  | 0.38 | 9.53  | 1.50         | 38.10 | 1.53    | 38.86  | 1.10    | 27.94 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       | 1.53    | 38.86  | 1.20    | 30.48 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
| 20                                 | 04            | 1      | 21 / G                                    | 0.56        | 14.27 | 0.75 | 19.05 | 1.50         | 38.1  | 1.53    | 38.86  | 1.40    | 35.56 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                                           | 0.69        | 17.45 | 0.88 | 22.23 |              |       | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                                           | 0.81        | 20.62 | 1.00 | 25.40 |              |       | 1.53    | 38.86  | 1.65    | 41.91 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |

Table Continued

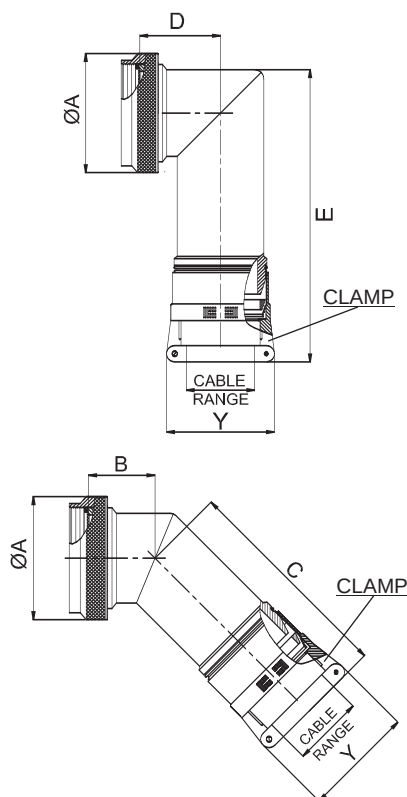
### Connector Group - L

### Straight

| TABLE - A                          |               |        |                                           |             |       |      |       |              |       |         |        |         |       |
|------------------------------------|---------------|--------|-------------------------------------------|-------------|-------|------|-------|--------------|-------|---------|--------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | CONNECTOR<br>SHELL<br>SIZE/CODE<br>(REF.) | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |        | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH |                                           | MIN         |       | MAX  |       | INCH         | MM    | INCH    | MM     | INCH    | MM    |
|                                    |               |        |                                           | INCH        | MM    | INCH | MM    |              |       |         |        |         |       |
| 22                                 | 01            | 1      | 23 / H                                    | 0.25        | 6.35  | 0.38 | 9.53  | 1.65         | 41.91 | 1.53    | 38.86  | 1.10    | 27.94 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       | 1.53    | 38.86  | 1.20    | 30.48 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                                           | 0.56        | 14.27 | 0.75 | 19.05 |              |       | 1.53    | 38.86  | 1.40    | 35.56 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                                           | 0.69        | 17.45 | 0.88 | 22.23 |              |       | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                                           | 0.81        | 20.62 | 1.00 | 25.40 |              |       | 1.53    | 38.86  | 1.65    | 41.91 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 07            | 1      |                                           | 0.94        | 23.80 | 1.13 | 28.58 |              |       | 1.53    | 38.86  | 1.75    | 44.45 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
| 24                                 | 01            | 1      | 25 / J                                    | 0.31        | 7.92  | 0.50 | 12.70 | 1.75         | 44.45 | 1.53    | 38.86  | 1.20    | 30.48 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                                           | 0.56        | 14.27 | 0.75 | 19.05 |              |       | 1.53    | 38.86  | 1.40    | 35.56 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                                           | 0.69        | 17.45 | 0.88 | 22.23 |              |       | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                                           | 0.81        | 20.62 | 1.00 | 25.40 |              |       | 1.53    | 38.86  | 1.65    | 41.91 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                                           | 0.94        | 23.80 | 1.13 | 28.58 |              |       | 1.53    | 38.86  | 1.75    | 44.45 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 07            | 1      |                                           | 1.06        | 26.97 | 1.25 | 31.75 |              |       | 1.53    | 38.86  | 1.90    | 48.26 |
|                                    |               | 2      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |

## Connector Group - L

90°, 45°



## Amphenol Part Number

BE1 X X L 99 99 9 X X

Series ———

Angle ———  
A: 90°  
B: 45°

Coupling ———  
R: spin  
D: direct

Connector group ———

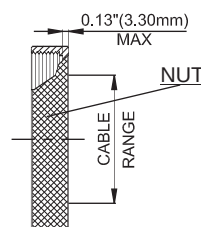
Finish: see Table-2

End clamp  
C: clamp  
N: nut

Length  
See Table-B  
9: Not Applicable

Entry size  
See Table-B

Shell size  
See Table-B



NOTE: \* For more cable entry options, contact factory

TABLE - B

| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |    | CONNECTOR<br>SHELL<br>SIZE/CODE<br>(REF.) | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |       | Y (MAX) |       |
|---------------------------------------|----|-------------------------------------------|-------------|-------|------|-------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
|                                       |    |                                           | MIN         |       | MAX  |       | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    |
|                                       |    |                                           | INCH        | MM    | INCH | MM    |              |       |         |       |         |       |         |       |         |       |         |       |
| 08                                    | 01 | 09 / A                                    | 0.06        | 1.57  | 0.13 | 3.18  | 0.75         | 19.05 | 0.46    | 11.68 | 3.15    | 80.01 | 0.69    | 17.53 | 3.46    | 87.88 | 0.80    | 20.32 |
|                                       | 02 |                                           | 0.13        | 3.18  | 0.25 | 6.35  |              |       |         |       |         |       |         |       |         |       | 1.00    | 25.40 |
| 10                                    | 01 | 11 / B                                    | 0.06        | 1.57  | 0.13 | 3.18  | 0.85         | 21.59 | 0.52    | 13.21 | 3.21    | 81.53 | 0.78    | 19.81 | 3.58    | 90.93 | 0.80    | 20.32 |
|                                       | 02 |                                           | 0.13        | 3.18  | 0.25 | 6.35  |              |       |         |       |         |       |         |       |         |       | 1.00    | 25.40 |
|                                       | 03 |                                           | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.10    | 27.94 |
| 12                                    | 01 | 13 / C                                    | 0.13        | 3.18  | 0.25 | 6.35  | 1.00         | 25.40 | 0.58    | 14.73 | 3.27    | 83.06 | 0.80    | 20.32 | 3.60    | 91.44 | 1.00    | 25.40 |
|                                       | 02 |                                           | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.10    | 27.94 |
|                                       | 03 |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.20    | 30.48 |
| 14                                    | 01 | 15 / D                                    | 0.13        | 3.18  | 0.25 | 6.35  | 1.15         | 29.21 | 0.65    | 16.51 | 3.36    | 85.34 | 0.88    | 22.35 | 3.67    | 93.22 | 1.00    | 25.40 |
|                                       | 02 |                                           | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.10    | 27.94 |
|                                       | 03 |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.20    | 30.48 |
|                                       | 04 |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |       | 1.25    | 31.75 |
| 16                                    | 01 | 17 / E                                    | 0.13        | 3.18  | 0.25 | 6.35  | 1.25         | 31.75 | 0.74    | 18.80 | 3.47    | 88.14 | 0.93    | 23.62 | 3.76    | 95.50 | 1.00    | 25.40 |
|                                       | 02 |                                           | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.10    | 27.94 |
|                                       | 03 |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.20    | 30.48 |
|                                       | 04 |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |       | 1.25    | 31.75 |
|                                       | 05 |                                           | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |       | 1.40    | 35.56 |
| 18                                    | 01 | 19 / F                                    | 0.25        | 6.35  | 0.38 | 9.53  | 1.40         | 35.56 | 0.93    | 23.62 | 3.66    | 92.96 | 1.01    | 25.65 | 3.93    | 99.82 | 1.10    | 27.94 |
|                                       | 02 |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.20    | 30.48 |
|                                       | 03 |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |       | 1.25    | 31.75 |
|                                       | 04 |                                           | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |       | 1.40    | 35.56 |
|                                       | 05 |                                           | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |       | 1.50    | 38.10 |

Table Continued

Connector Group - L

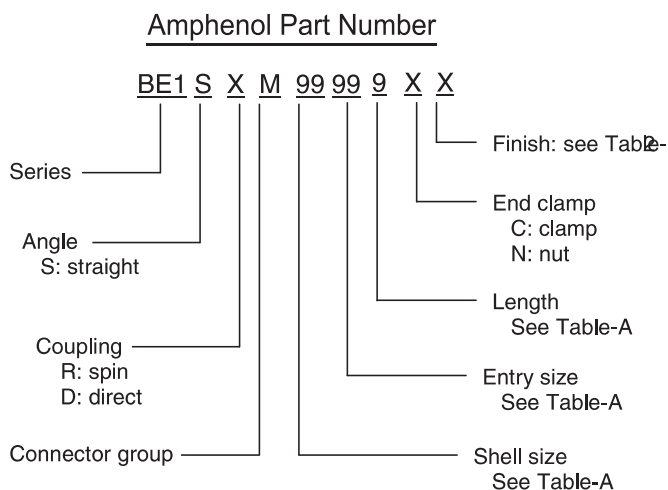
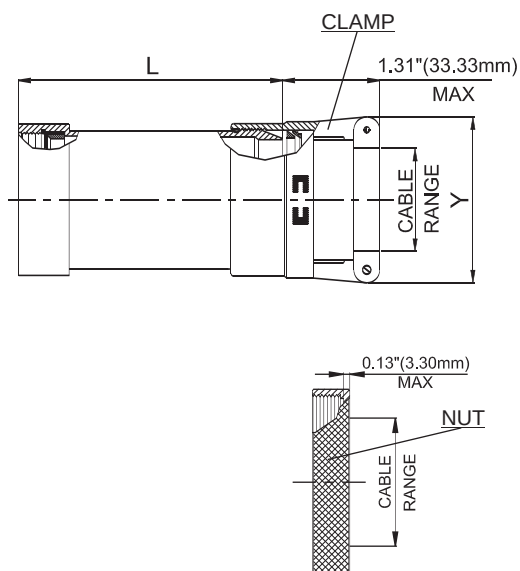
90°, 45°

TABLE - B

| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |    | CONNECTOR<br>SHELL<br>SIZE/CODE<br>(REF.) | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |        | Y (MAX) |       |
|---------------------------------------|----|-------------------------------------------|-------------|-------|------|-------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|--------|---------|-------|
|                                       |    |                                           | MIN         |       | MAX  |       | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM     | INCH    | MM    |
|                                       |    |                                           | INCH        | MM    | INCH | MM    |              |       |         |       |         |       |         |       |         |        |         |       |
| 20                                    | 01 | 21 / G                                    | 0.25        | 6.35  | 0.38 | 9.53  | 1.55         | 39.37 | 0.93    | 23.62 | 3.66    | 92.96 | 1.06    | 26.92 | 3.93    | 99.82  | 1.10    | 27.94 |
|                                       | 02 |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.20    | 30.48 |
|                                       | 03 |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04 |                                           | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.40    | 35.56 |
|                                       | 05 |                                           | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 06 |                                           | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.65    | 41.91 |
| 22                                    | 01 | 23 / H                                    | 0.25        | 6.35  | 0.38 | 9.53  | 1.65         | 41.91 | 1.02    | 25.91 | 3.81    | 96.77 | 1.17    | 29.72 | 4.04    | 102.62 | 1.10    | 27.94 |
|                                       | 02 |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.20    | 30.48 |
|                                       | 03 |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04 |                                           | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.40    | 35.56 |
|                                       | 05 |                                           | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 06 |                                           | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.65    | 41.91 |
|                                       | 07 |                                           | 0.94        | 23.80 | 1.13 | 28.58 |              |       |         |       |         |       |         |       |         |        | 1.75    | 44.45 |
| 24                                    | 01 | 25 / J                                    | 0.31        | 7.92  | 0.50 | 12.70 | 1.85         | 46.99 | 1.02    | 25.91 | 3.81    | 96.77 | 1.18    | 29.97 | 4.04    | 102.62 | 1.20    | 30.48 |
|                                       | 02 |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 03 |                                           | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.40    | 35.56 |
|                                       | 04 |                                           | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 05 |                                           | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.65    | 41.91 |
|                                       | 06 |                                           | 0.94        | 23.80 | 1.13 | 28.58 |              |       |         |       |         |       |         |       |         |        | 1.75    | 44.45 |
|                                       | 07 |                                           | 1.06        | 26.97 | 1.25 | 31.75 |              |       |         |       |         |       |         |       |         |        | 1.90    | 48.26 |

## Connector Group - M

## Straight



**NOTE:** \* For more cable entry and length options, contact factory

| TABLE - A                          |               |        |                         |             |       |      |       |         |       |         |       |
|------------------------------------|---------------|--------|-------------------------|-------------|-------|------|-------|---------|-------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | L (MAX) |       | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH |                         | MIN         |       | MAX  |       | INCH    | MM    | INCH    | MM    |
|                                    |               |        |                         | INCH        | MM    | INCH | MM    |         |       |         |       |
| 08                                 | 01            | 1      | 8                       | 0.06        | 1.57  | 0.13 | 3.18  | 1.53    | 38.86 | 0.78    | 19.81 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    | 02            | 1      |                         | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
| 10                                 | 01            | 1      | 10                      | 0.06        | 1.57  | 0.13 | 3.18  | 1.53    | 38.86 | 0.78    | 19.81 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    | 02            | 1      |                         | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    | 03            | 1      |                         | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
| 12                                 | 01            | 1      | 12                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    | 02            | 1      |                         | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    | 03            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86 | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
| 14                                 | 01            | 1      | 14                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 02            | 1      |                         | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 03            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86 | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 04            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86 | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |

Table Continued

Connector Group - M

Straight

| TABLE - A                          |               |        |                         |             |       |      |       |         |        |         |       |
|------------------------------------|---------------|--------|-------------------------|-------------|-------|------|-------|---------|--------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | L (MAX) |        | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH |                         | MIN         |       | MAX  |       | INCH    | MM     | INCH    | MM    |
|                                    |               |        |                         | INCH        | MM    | INCH | MM    |         |        |         |       |
| 16                                 | 01            | 1      | 16                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86  | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 02            | 1      |                         | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 03            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 04            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 05            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
| 18                                 | 01            | 1      | 18                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 02            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 03            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 04            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 05            | 1      |                         | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
| 20                                 | 01            | 1      | 20                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                         | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                         | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |

Table Continued





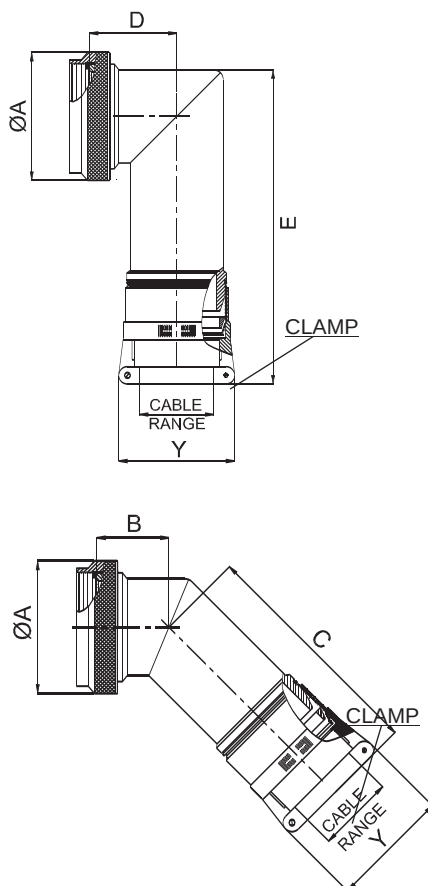
## Connector Group - M

## Straight

| TABLE - A                          |               |        |                         |             |       |      |       |         |        |         |       |
|------------------------------------|---------------|--------|-------------------------|-------------|-------|------|-------|---------|--------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | L (MAX) |        | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH |                         | MIN         |       | MAX  |       | INCH    | MM     | INCH    | MM    |
|                                    |               |        |                         | INCH        | MM    | INCH | MM    |         |        |         |       |
| 22                                 | 01            | 1      | 22                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                         | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                         | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 07            | 1      |                         | 0.94        | 23.80 | 1.13 | 28.58 | 1.53    | 38.86  | 1.75    | 44.45 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
| 24                                 | 01            | 1      | 24                      | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                         | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                         | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                         | 0.94        | 23.80 | 1.13 | 28.58 | 1.53    | 38.86  | 1.75    | 44.45 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 07            | 1      |                         | 1.06        | 26.97 | 1.25 | 31.75 | 1.53    | 38.86  | 1.88    | 47.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |

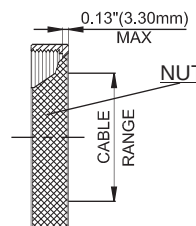
### Connector Group - M

90°, 45°



Amphenol Part Number

|                      |     |   |   |   |    |    |   |   |   |                                 |
|----------------------|-----|---|---|---|----|----|---|---|---|---------------------------------|
| Series               | BE1 | X | X | M | 99 | 99 | 9 | X | X | Finish: see Table-2             |
| Angle                |     |   |   |   |    |    |   |   |   | End clamp<br>C: clamp<br>N: nut |
| A: 90deg<br>B: 45deg |     |   |   |   |    |    |   |   |   |                                 |
| Coupling             |     |   |   |   |    |    |   |   |   | Length<br>9: Not applicable     |
| R: spin<br>D: direct |     |   |   |   |    |    |   |   |   | Entry size<br>See Table-B       |
| Connector group      |     |   |   |   |    |    |   |   |   | Shell size<br>See Table-B       |



NOTE: \* For more cable entry options, contact factory

| TABLE - B                             |    |                         |             |       |      |       |              |       |         |       |         |       |         |       |         |       |         |       |
|---------------------------------------|----|-------------------------|-------------|-------|------|-------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |    | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |       | Y (MAX) |       |
|                                       |    |                         | MIN         |       | MAX  |       | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    |
|                                       |    |                         | INCH        | MM    | INCH | MM    |              |       |         |       |         |       |         |       |         |       |         |       |
| 08                                    | 01 | 8                       | 0.06        | 1.57  | 0.13 | 3.18  | 0.75         | 19.05 | 0.46    | 11.68 | 3.15    | 80.01 | 0.69    | 17.53 | 3.46    | 87.88 | 0.78    | 19.81 |
|                                       | 02 |                         | 0.13        | 3.18  | 0.25 | 6.35  |              |       |         |       |         |       |         |       |         |       | 0.97    | 24.64 |
| 10                                    | 01 | 10                      | 0.06        | 1.57  | 0.13 | 3.18  | 0.85         | 21.59 | 0.52    | 13.21 | 3.21    | 81.53 | 0.78    | 19.81 | 3.58    | 90.93 | 0.78    | 19.81 |
|                                       | 02 |                         | 0.13        | 3.18  | 0.25 | 6.35  |              |       |         |       |         |       |         |       |         |       | 0.97    | 24.64 |
|                                       | 03 |                         | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
| 12                                    | 01 | 12                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.00         | 25.40 | 0.58    | 14.73 | 3.27    | 83.06 | 0.80    | 20.32 | 3.60    | 91.44 | 0.97    | 24.64 |
|                                       | 02 |                         | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
|                                       | 03 |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.16    | 29.46 |
| 14                                    | 01 | 14                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.15         | 29.21 | 0.65    | 16.51 | 3.36    | 85.34 | 0.88    | 22.35 | 3.67    | 93.22 | 0.97    | 24.64 |
|                                       | 02 |                         | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
|                                       | 03 |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.16    | 29.46 |
|                                       | 04 |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |       | 1.25    | 31.75 |

Table Continued

## Connector Group - M

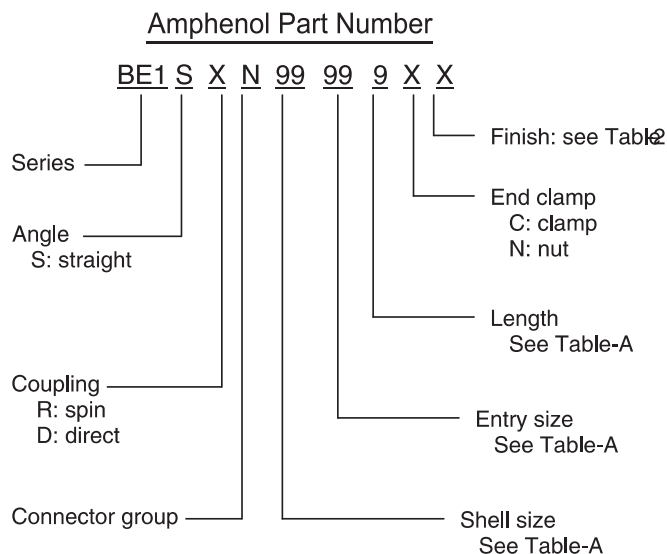
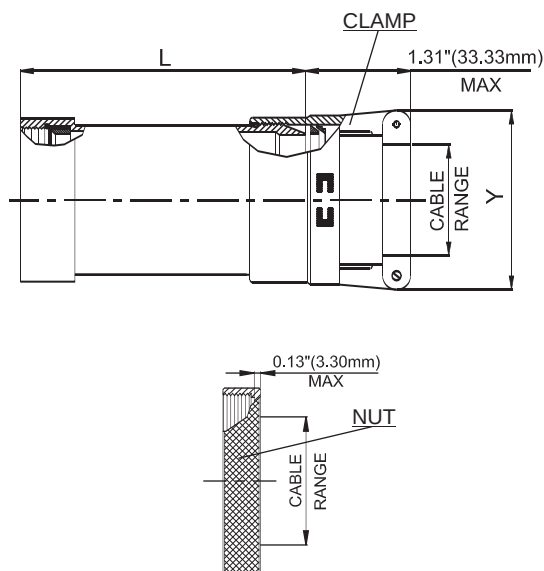
90°, 45°

TABLE - B

| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |    | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |        | Y (MAX) |       |
|---------------------------------------|----|-------------------------|-------------|-------|------|-------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|--------|---------|-------|
|                                       |    |                         | MIN         |       | MAX  |       | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM     | INCH    | MM    |
|                                       |    |                         | INCH        | MM    | INCH | MM    |              |       |         |       |         |       |         |       |         |        |         |       |
| 16                                    | 01 | 16                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.25         | 31.75 | 0.74    | 18.80 | 3.47    | 88.14 | 0.93    | 23.62 | 3.76    | 95.50  | 0.97    | 24.64 |
|                                       | 02 |                         | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |        | 1.06    | 26.92 |
|                                       | 03 |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 04 |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 05 |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
| 18                                    | 01 | 18                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.40         | 35.56 | 0.93    | 23.62 | 3.66    | 92.96 | 1.01    | 25.65 | 3.93    | 99.82  | 1.06    | 26.92 |
|                                       | 02 |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 03 |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04 |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 05 |                         | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
| 20                                    | 01 | 20                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.55         | 39.37 | 0.93    | 23.62 | 3.66    | 92.96 | 1.06    | 26.92 | 3.93    | 99.82  | 1.06    | 26.92 |
|                                       | 02 |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 03 |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04 |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 05 |                         | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 06 |                         | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.63    | 41.40 |
| 22                                    | 01 | 22                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.65         | 41.91 | 1.02    | 25.91 | 3.81    | 96.77 | 1.17    | 29.72 | 4.04    | 102.62 | 1.06    | 26.92 |
|                                       | 02 |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 03 |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04 |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 05 |                         | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 06 |                         | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.63    | 41.40 |
|                                       | 07 |                         | 0.94        | 23.80 | 1.13 | 28.58 |              |       |         |       |         |       |         |       |         |        | 1.75    | 44.45 |
| 24                                    | 01 | 24                      | 0.31        | 7.92  | 0.50 | 12.70 | 1.85         | 46.99 | 1.02    | 25.91 | 3.81    | 96.77 | 1.18    | 29.97 | 4.04    | 102.62 | 1.16    | 29.46 |
|                                       | 02 |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 03 |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 04 |                         | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 05 |                         | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.63    | 41.40 |
|                                       | 06 |                         | 0.94        | 23.80 | 1.13 | 28.58 |              |       |         |       |         |       |         |       |         |        | 1.75    | 44.45 |
|                                       | 07 |                         | 1.06        | 26.97 | 1.25 | 31.75 |              |       |         |       |         |       |         |       |         |        | 1.88    | 47.75 |

### Connector Group - N

### Straight



**NOTE:** \* For more cable entry and length options, contact factory

| TABLE - A                          |               |        |                         |             |       |      |       |         |       |         |       |
|------------------------------------|---------------|--------|-------------------------|-------------|-------|------|-------|---------|-------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | L (MAX) |       | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH |                         | MIN         |       | MAX  |       | INCH    | MM    | INCH    | MM    |
|                                    |               |        |                         | INCH        | MM    | INCH | MM    |         |       |         |       |
| 08                                 | 01            | 1      | 8                       | 0.06        | 1.57  | 0.13 | 3.18  | 1.53    | 38.86 | 0.78    | 19.81 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    | 02            | 1      |                         | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
| 10                                 | 01            | 1      | 10                      | 0.06        | 1.57  | 0.13 | 3.18  | 1.53    | 38.86 | 0.78    | 19.81 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    | 02            | 1      |                         | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    | 03            | 1      |                         | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
| 12                                 | 01            | 1      | 12                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    | 02            | 1      |                         | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    | 03            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86 | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
| 14                                 | 01            | 1      | 14                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 02            | 1      |                         | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 03            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86 | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 04            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86 | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |

Table Continued

## Connector Group - N

Straight

| TABLE - A                          |               |        |                         |             |       |      |       |         |        |         |       |
|------------------------------------|---------------|--------|-------------------------|-------------|-------|------|-------|---------|--------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | L (MAX) |        | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH |                         | MIN         |       | MAX  |       | INCH    | MM     | INCH    | MM    |
|                                    |               |        |                         | INCH        | MM    | INCH | MM    |         |        |         |       |
| 16                                 | 01            | 1      | 16                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86  | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 02            | 1      |                         | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 03            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 04            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 05            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
| 18                                 | 01            | 1      | 18                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 02            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 03            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 04            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 05            | 1      |                         | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
| 20                                 | 01            | 1      | 20                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                         | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                         | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |

Table Continued

Connector Group - N

Straight

| TABLE - A                          |               |        |                         |             |       |      |       |         |        |         |       |
|------------------------------------|---------------|--------|-------------------------|-------------|-------|------|-------|---------|--------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | L (MAX) |        | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH |                         | MIN         |       | MAX  |       | INCH    | MM     | INCH    | MM    |
|                                    |               |        |                         | INCH        | MM    | INCH | MM    |         |        |         |       |
| 20                                 | 01            | 1      | 20                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                         | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                         | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
| 22                                 | 01            | 1      | 22                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                         | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                         | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 07            | 1      |                         | 0.94        | 23.80 | 1.13 | 28.58 | 1.53    | 38.86  | 1.75    | 44.45 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |

Table Continued



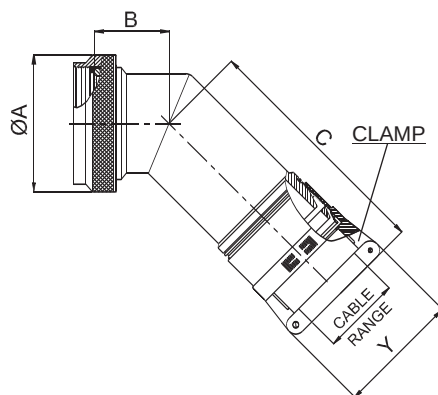
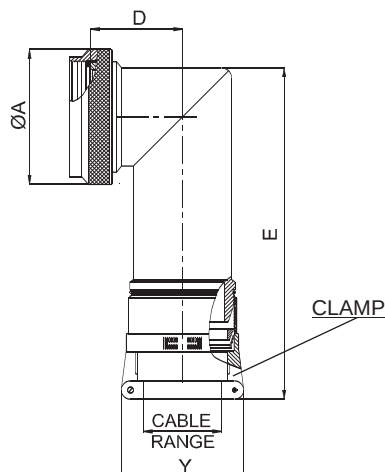
## Connector Group - N

## Straight

| TABLE - A                          |               |        |                         |             |       |      |       |         |        |         |       |
|------------------------------------|---------------|--------|-------------------------|-------------|-------|------|-------|---------|--------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | L (MAX) |        | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH |                         | MIN         |       | MAX  |       | INCH    | MM     | INCH    | MM    |
|                                    |               |        |                         | INCH        | MM    | INCH | MM    |         |        |         |       |
| 24                                 | 01            | 1      | 24                      | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                         | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                         | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                         | 0.94        | 23.80 | 1.13 | 28.58 | 1.53    | 38.86  | 1.75    | 44.45 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 07            | 1      |                         | 1.06        | 26.97 | 1.25 | 31.75 | 1.53    | 38.86  | 1.88    | 47.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |

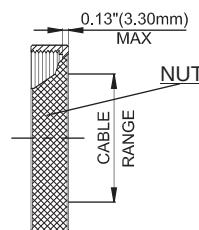
### Connector Group - N

90°, 45°



#### Amphenol Part Number

|          |     |   |   |   |    |    |   |   |   |                                 |
|----------|-----|---|---|---|----|----|---|---|---|---------------------------------|
| Series   | BE1 | X | X | N | 99 | 99 | 9 | X | X | Finish: see Table-2             |
| Angle    |     |   |   |   |    |    |   |   |   | End clamp<br>C: clamp<br>N: nut |
|          |     |   |   |   |    |    |   |   |   | Length<br>9: Not applicable     |
| Coupling |     |   |   |   |    |    |   |   |   | Entry size<br>See Table-B       |
|          |     |   |   |   |    |    |   |   |   | Shell size<br>See Table-B       |



NOTE: \* For more cable entry options, contact factory

TABLE - B

| TABLE - B                             |               |                         |             |       |      |       |              |       |         |       |         |       |         |       |         |       |         |       |
|---------------------------------------|---------------|-------------------------|-------------|-------|------|-------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |               | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |       | Y (MAX) |       |
| SHELL<br>SIZE                         | ENTRY<br>SIZE |                         | MIN         |       | MAX  |       | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    |
|                                       |               |                         | INCH        | MM    | INCH | MM    |              |       |         |       |         |       |         |       |         |       |         |       |
| 08                                    | 01            | 8                       | 0.06        | 1.57  | 0.13 | 3.18  | 0.75         | 19.05 | 0.46    | 11.68 | 3.15    | 80.01 | 0.69    | 17.53 | 3.46    | 87.88 | 0.78    | 19.81 |
|                                       | 02            |                         | 0.13        | 3.18  | 0.25 | 6.35  |              |       |         |       |         |       |         |       |         |       | 0.97    | 24.64 |
| 10                                    | 01            | 10                      | 0.06        | 1.57  | 0.13 | 3.18  | 0.85         | 21.59 | 0.52    | 13.21 | 3.21    | 81.53 | 0.78    | 19.81 | 3.58    | 90.93 | 0.78    | 19.81 |
|                                       | 02            |                         | 0.13        | 3.18  | 0.25 | 6.35  |              |       |         |       |         |       |         |       |         |       | 0.97    | 24.64 |
|                                       | 03            |                         | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
| 12                                    | 01            | 12                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.00         | 25.40 | 0.58    | 14.73 | 3.27    | 83.06 | 0.80    | 20.32 | 3.60    | 91.44 | 0.97    | 24.64 |
|                                       | 02            |                         | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
|                                       | 03            |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.16    | 29.46 |
| 14                                    | 01            | 14                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.15         | 29.21 | 0.65    | 16.51 | 3.36    | 85.34 | 0.88    | 22.35 | 3.67    | 93.22 | 0.97    | 24.64 |
|                                       | 02            |                         | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
|                                       | 03            |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.16    | 29.46 |
|                                       | 04            |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |       | 1.25    | 31.75 |

Table Continued



## Connector Group - N

90°, 45°

TABLE - B

| TABLE - B                             |    |                         |             |       |      |       |              |       |         |       |         |       |         |       |         |        |         |       |
|---------------------------------------|----|-------------------------|-------------|-------|------|-------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|--------|---------|-------|
| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |    | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |        | Y (MAX) |       |
|                                       |    |                         | MIN         |       | MAX  |       | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM     | INCH    | MM    |
|                                       |    |                         | INCH        | MM    | INCH | MM    |              |       |         |       |         |       |         |       |         |        |         |       |
| 16                                    | 01 | 16                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.25         | 31.75 | 0.74    | 18.80 | 3.47    | 88.14 | 0.93    | 23.62 | 3.76    | 95.50  | 0.97    | 24.64 |
|                                       | 02 |                         | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |        | 1.06    | 26.92 |
|                                       | 03 |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 04 |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 05 |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
| 18                                    | 01 | 18                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.40         | 35.56 | 0.93    | 23.62 | 3.66    | 92.96 | 1.01    | 25.65 | 3.93    | 99.82  | 1.06    | 26.92 |
|                                       | 02 |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 03 |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04 |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 05 |                         | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
| 20                                    | 01 | 20                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.55         | 39.37 | 0.93    | 23.62 | 3.66    | 92.96 | 1.06    | 26.92 | 3.93    | 99.82  | 1.06    | 26.92 |
|                                       | 02 |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 03 |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04 |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 05 |                         | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 06 |                         | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.63    | 41.40 |
| 22                                    | 01 | 22                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.65         | 41.91 | 1.02    | 25.91 | 3.81    | 96.77 | 1.17    | 29.72 | 4.04    | 102.62 | 1.06    | 26.92 |
|                                       | 02 |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 03 |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04 |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 05 |                         | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 06 |                         | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.63    | 41.40 |
|                                       | 07 |                         | 0.94        | 23.80 | 1.13 | 28.58 |              |       |         |       |         |       |         |       |         |        | 1.75    | 44.45 |
| 24                                    | 01 | 24                      | 0.31        | 7.92  | 0.50 | 12.70 | 1.85         | 46.99 | 1.02    | 25.91 | 3.81    | 96.77 | 1.18    | 29.97 | 4.04    | 102.62 | 1.16    | 29.46 |
|                                       | 02 |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 03 |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 04 |                         | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 05 |                         | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.63    | 41.40 |
|                                       | 06 |                         | 0.94        | 23.80 | 1.13 | 28.58 |              |       |         |       |         |       |         |       |         |        | 1.75    | 44.45 |
|                                       | 07 |                         | 1.06        | 26.97 | 1.25 | 31.75 |              |       |         |       |         |       |         |       |         |        | 1.88    | 47.75 |

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