

# Amphenol

62IN SERIES MINIATURE  
CIRCULAR BAYONET-COUPLED  
CONNECTORS



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**Amphenol**

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## Introduction

Amphenol 62IN series connectors are general purpose, environment resistant, miniature circular connectors with three-point bayonet-coupling and five-key polarisation. Designed to meet the requirements of **MIL-C-26482, Series I solder type**, these connectors are widely used in applications calling for quick disconnect connectors.

62IN connectors are intermateable and interchangeable with all MIL-C-26482 connectors, whether solder or crimp type. These connectors are used worldwide in military and industrial applications and are available in a variety of sizes, styles and configurations.

Amphenol 62IN series connectors are also approved to Indian Defence Standard Joint Services Specification **JSS50813**, certified by the Electronic Components Standardisation Organisation (LCSO), Bangalore, India.

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## General description

Amphenol 62IN series miniature circular bayonet-coupled solder connectors meet the most critical application needs. Design versatility and high reliability performance make this series ideal for environmental sealing.

### Shell

Shell hardware is manufactured from aluminium alloy and cadmium plated with an olive drab chromate finish. This finish has excellent conductivity; it is non-reflecting and corrosion resistant. Black anodised finish and cadmium-free zinc-cobalt plating are also available. For details, contact factory.

Shell styles consist of wall and box mounting receptacles, jam nut receptacles, cable mounting receptacles and straight plugs. Connectors are available in 9 shell sizes: 8, 10, 12, 14, 16, 18, 20, 22 and 24.

Positive shell-to-shell keying is provided with keys and keyways in a choice of either normal (N) or any of the preferred alternate positions: W, X, Y and Z. This prevents mismatching between shells of different orientations and overcomes the difficulties associated with rotated inserts and standard key / keyway orientation. In the latter system, damage to inserts or contacts can result if excessive force is used to engage non-mating pairs.

Spring tension provided by a wave washer in the coupling ring ensures maintenance of inter facial seal between mating halves.

### Insert and grommet

The insert and grommet are moulded from resilient neoprene, offering high dielectric strength and resistance to oils, gasoline and low temperature. This provides electrical isolation of the contacts in the insert and excellent moisture sealing.

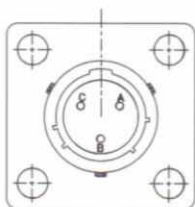
### Contacts

Gold over nickel plated pin and socket contacts are machined from brass and designed for solder connections. Industrial version crimp contacts are also available on request.

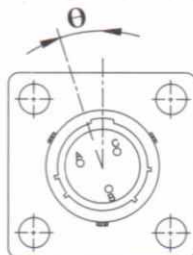
## Specifications

|                                                      |                             |              |                |
|------------------------------------------------------|-----------------------------|--------------|----------------|
| Number of contacts                                   | 2 thru 61 in discrete steps |              |                |
| Operating temperature                                | -55 °C to +125 °C           |              |                |
| Current rating                                       |                             |              |                |
| Contact size                                         | Rated current               | Test current | Potential drop |
| 20                                                   | 7.5A                        | 7.5A         | ≤ 55mV         |
| 16                                                   | 13A                         | 13A          | ≤ 50mV         |
| Voltage rating (max. operating voltage at sea level) |                             |              |                |
| Service rating                                       | AC (rms)                    |              |                |
| I                                                    | 600V                        |              |                |
| II                                                   | 1000V                       |              |                |
| Insulation resistance                                | ≥ 5000 Mohm                 |              |                |
| Voltage proof                                        |                             |              |                |
| Service rating                                       | Test voltage (rms)          |              |                |
| I                                                    | 1500V                       |              |                |
| II                                                   | 2300V                       |              |                |
| Wire range accommodations                            |                             |              |                |
| Contact size                                         | AWG wire size               |              |                |
| 20                                                   | 24, 22 and 20               |              |                |
| 16                                                   | 20, 18 and 16               |              |                |

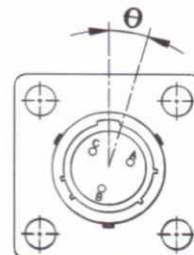
## Insert orientations



Normal position of  
insert with pin  
contacts



Alternate position of insert  
with socket contacts  
( $\theta$  counterclockwise)



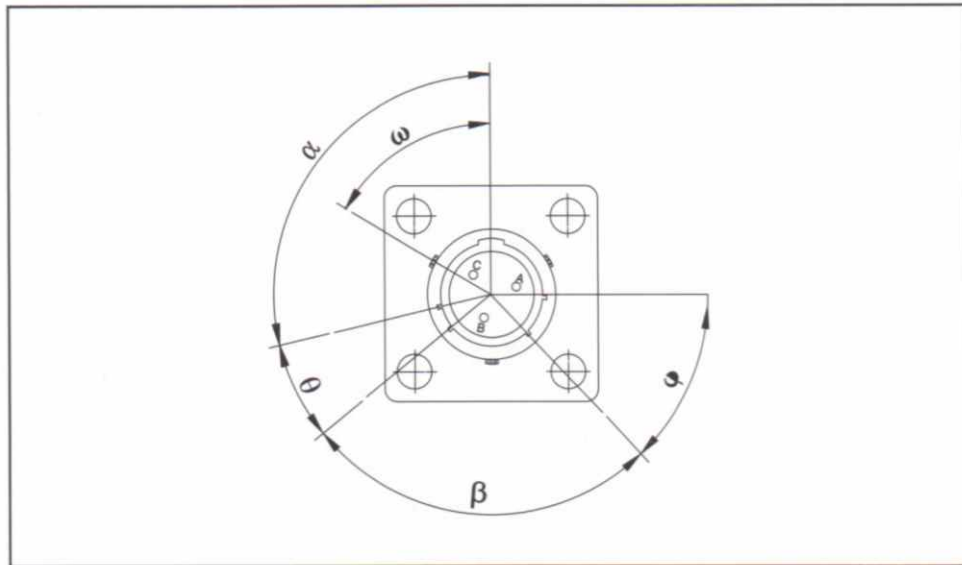
Alternate position of insert  
with pin contacts  
( $\theta$  clockwise)

Each diagram shows mating face of insert

| Insert<br>arrangement | Orientation<br>Angles in degrees |     |     |     |
|-----------------------|----------------------------------|-----|-----|-----|
|                       | W                                | X   | Y   | Z   |
| 8-2                   | 58                               | 122 | -   | -   |
| 8-3                   | 60                               | 210 | -   | -   |
| 8-4                   | 45                               | -   | -   | -   |
| 8-33                  | 90                               | -   | -   | -   |
| 10-2                  | -                                | -   | -   | -   |
| *10-5                 | 90                               | -   | -   | -   |
| 10-7                  | -                                | -   | -   | -   |
| 10-8                  | -                                | -   | -   | -   |
| 12-3                  | -                                | -   | 180 | -   |
| 12-8                  | 90                               | 112 | 203 | 292 |
| 12-10                 | 60                               | 155 | 270 | 295 |
| 12-12                 | -                                | -   | -   | -   |
| *14-02                | -                                | -   | -   | -   |
| *14-04                | 40                               | 92  | 184 | 273 |
| *14-08                | 43                               | 90  | -   | -   |
| *14-14                | 17                               | 110 | 155 | 234 |
| 14-19                 | 30                               | 165 | 315 | -   |
| 16-8                  | 54                               | 152 | 180 | 331 |
| 16-23                 | 158                              | 270 | -   | -   |
| 16-26                 | 60                               | -   | 275 | 338 |
| *18-02                | 62                               | 119 | 241 | 340 |
| 18-32                 | 85                               | 138 | 222 | 265 |
| 20-16                 | 238                              | 318 | 333 | 347 |
| 20-27                 | 72                               | 144 | 216 | 288 |
| 20-39                 | 45                               | 126 | 225 | -   |
| *22-36                | 16                               | 135 | 175 | 349 |
| *22-44                | 30                               | 142 | 226 | 314 |
| 22-41                 | 90                               | 225 | 255 | -   |
| 24-61                 | 90                               | 180 | 270 | 324 |

\*Special insert arrangements consult factory

## Key / Keyway orientations



| Shell size | Angles in degrees |    |     |     |     |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |
|------------|-------------------|----|-----|-----|-----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|
|            | α                 |    |     |     |     | θ  |    |    |    |    | β  |    |    |     |    | φ  |    |    |    |    |
|            | N                 | B  | C   | E   | F   | N  | B  | C  | E  | F  | N  | B  | C  | E   | F  | N  | B  | C  | E  | F  |
| 8          | 105               | -  | -   | 118 | 82  | 35 | -  | -  | 30 | 50 | 75 | -  | -  | 100 | 75 | 50 | -  | -  | 30 | 45 |
| 10         | 105               | 85 | 125 | 115 | 85  | 35 | 35 | 35 | 30 | 50 | 75 | 75 | 75 | 100 | 75 | 50 | 50 | 50 | 30 | 45 |
| 12         | 105               | 89 | 121 | 115 | 85  | 35 | 35 | 35 | 30 | 50 | 75 | 75 | 75 | 100 | 75 | 50 | 50 | 50 | 30 | 45 |
| 14         | 105               | 91 | 119 | 75  | 120 | 35 | 35 | 35 | 30 | 50 | 75 | 75 | 75 | 100 | 75 | 50 | 50 | 50 | 30 | 35 |
| 16         | 105               | 93 | 117 | 75  | 120 | 35 | 35 | 35 | 30 | 50 | 75 | 75 | 75 | 100 | 75 | 50 | 50 | 50 | 30 | 35 |
| 18         | 105               | 95 | 115 | 75  | 120 | 35 | 35 | 35 | 30 | 50 | 75 | 75 | 75 | 100 | 75 | 50 | 50 | 50 | 30 | 35 |
| 20         | 105               | 95 | 115 | 75  | 120 | 35 | 35 | 35 | 30 | 50 | 75 | 75 | 75 | 100 | 75 | 50 | 50 | 50 | 30 | 35 |
| 22         | 105               | 97 | 113 | 75  | 120 | 35 | 35 | 35 | 30 | 50 | 75 | 75 | 75 | 75  | 75 | 50 | 50 | 50 | 30 | 35 |
| 24         | 105               | 97 | 113 | 75  | 120 | 35 | 35 | 35 | 30 | 50 | 75 | 75 | 75 | 100 | 75 | 50 | 50 | 50 | 30 | 35 |

| Shell size | Angle in degrees |    |    |    |    |
|------------|------------------|----|----|----|----|
|            | ω                |    |    |    |    |
|            | N                | B  | C  | E  | F  |
| 8          | 60               | -  | -  | 73 | 47 |
| 10         | 60               | 40 | 80 | 70 | 50 |
| 12         | 60               | 44 | 76 | 70 | 50 |
| 14         | 60               | 46 | 74 | 30 | 75 |
| 16         | 60               | 48 | 72 | 30 | 75 |
| 18         | 60               | 50 | 70 | 30 | 75 |
| 20         | 60               | 50 | 70 | 30 | 75 |
| 22         | 60               | 52 | 68 | 30 | 75 |
| 24         | 60               | 54 | 68 | 30 | 75 |

Angles shown are with reference to the major key or keyway. In receptacles, the major keyway always remains fixed in relation to the mounting flange. For B, C, E and F orientations, the three bayonet locations and associated minor keyways are rotated completely as shown in the tables. The accompanying diagram shows a receptacle shell with keyways. Corresponding key orientations for a mating plug shell are therefore always clockwise.

## Insert arrangements

Front face of pin insert or rear of socket insert illustrated

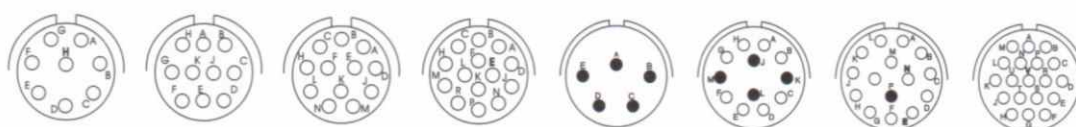
### Contact Legend

Symbol

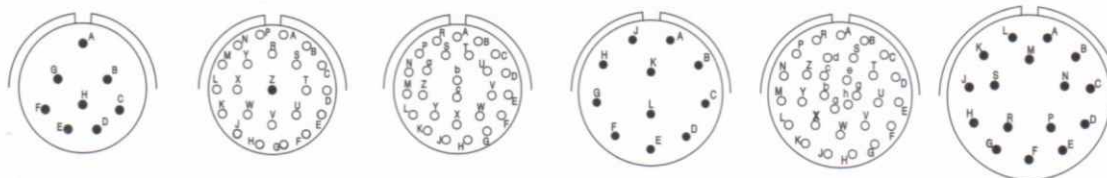
Contact size 16 20



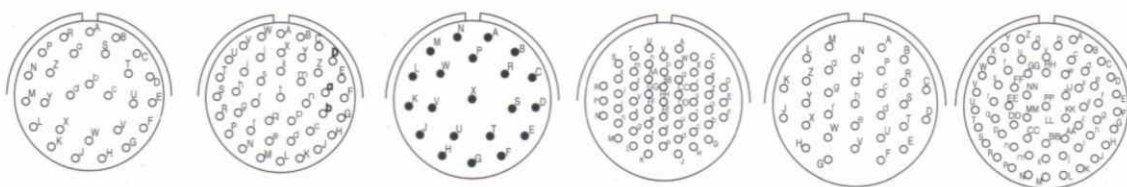
|                    |     |     |     |      |      |      |      |      |      |
|--------------------|-----|-----|-----|------|------|------|------|------|------|
| Insert arrangement | 8-2 | 8-3 | 8-4 | 8-33 | 10-2 | 10-6 | 10-7 | 10-8 | 12-3 |
| Service rating     | I   | I   | I   | I    | II   | I    | I    | I    | II   |
| Number of contacts | 2   | 3   | 4   | 3    | 2    | 6    | 7    | 8    | 3    |
| Contact size       | 20  | 20  | 20  | 20   | 16   | 20   | 20   | 20   | 16   |



|                    |      |       |       |       |      |       |       |       |
|--------------------|------|-------|-------|-------|------|-------|-------|-------|
| Insert arrangement | 12-8 | 12-10 | 12-12 | 12-14 | 14-5 | 14-12 | 14-15 | 14-19 |
| Service rating     | I    | I     | I     | I     | II   | I     | I     | I     |
| Number of contacts | 8    | 10    | 12    | 14    | 5    | 4 8   | 1 14  | 19    |
| Contact size       | 20   | 20    | 20    | 20    | 16   | 16 20 | 16 20 | 20    |



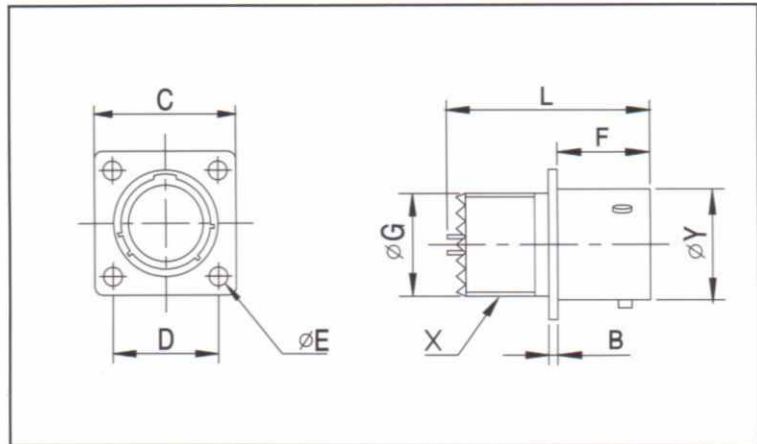
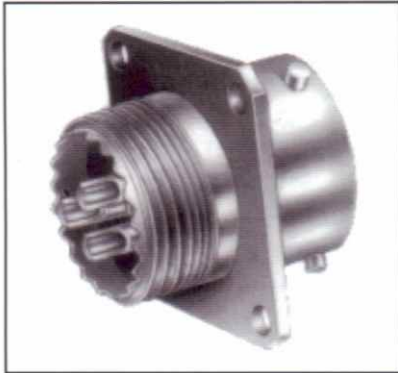
|                    |      |       |       |       |       |       |
|--------------------|------|-------|-------|-------|-------|-------|
| Insert arrangement | 16-8 | 16-23 | 16-26 | 18-11 | 18-32 | 20-16 |
| Service rating     | II   | I     | I     | II    | I     | II    |
| Number of contacts | 8    | 1 22  | 26    | 11    | 32    | 16    |
| Contact size       | 16   | 16 20 | 20    | 16    | 20    | 16    |



|                    |       |       |       |       |       |       |
|--------------------|-------|-------|-------|-------|-------|-------|
| Insert arrangement | 20-27 | 20-41 | 22-21 | 22-55 | 24-31 | 24-61 |
| Service rating     | I     | I     | II    | I     | I     | I     |
| Number of contacts | 27    | 41    | 21    | 55    | 31    | 61    |
| Contact size       | 20    | 20    | 16    | 20    | 16    | 20    |

## Connector styles

### Wall mounting receptacles

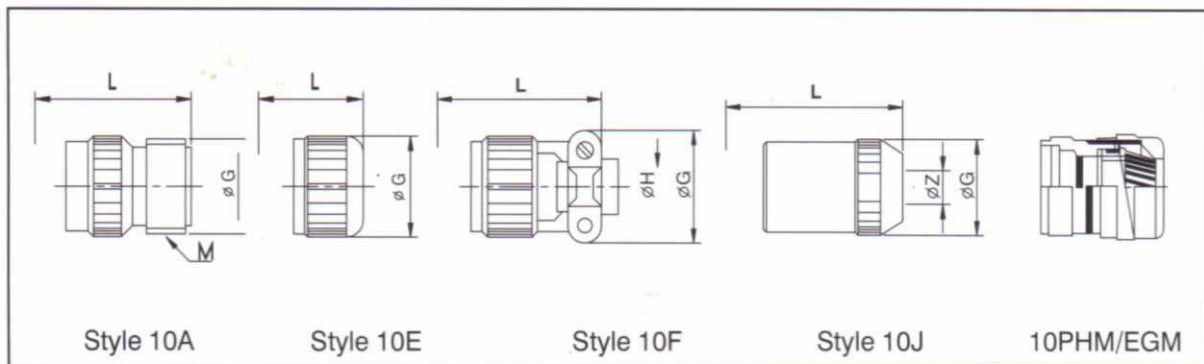


### Without termination assemblies

All dimensions in mm

| Shell size | B    | C     | D     | E Dia | F     | G Dia | L     | Y Dia | X threads in inches |
|------------|------|-------|-------|-------|-------|-------|-------|-------|---------------------|
| 8          | 1.58 | 20.75 | 15.09 | 3.05  | 11.30 | 11.02 | 24.84 | 12.02 | 7/16-28 UNEF        |
| 10         | 1.58 | 23.93 | 18.26 | 3.05  | 11.30 | 14.17 | 24.84 | 14.99 | 9/16-24 NEF         |
| 12         | 1.58 | 26.32 | 20.63 | 3.05  | 11.30 | 17.35 | 24.84 | 19.05 | 11/16-24 NEF        |
| 14         | 1.58 | 28.70 | 23.10 | 3.05  | 11.30 | 20.52 | 24.84 | 22.23 | 13/16-20 UNEF       |
| 16         | 1.58 | 31.07 | 24.61 | 3.05  | 11.30 | 23.70 | 24.84 | 25.40 | 15/16-20 UNEF       |
| 18         | 1.58 | 33.45 | 26.58 | 3.05  | 11.30 | 26.85 | 24.84 | 28.58 | 1 1/16-18 NEF       |
| 20         | 2.03 | 36.63 | 29.36 | 3.05  | 14.10 | 30.02 | 26.62 | 31.75 | 1 3/16-18 NEF       |
| 22         | 2.03 | 39.80 | 31.75 | 3.05  | 14.10 | 30.02 | 26.62 | 34.93 | 1 5/16-18 NEF       |
| 24         | 2.03 | 42.98 | 34.93 | 3.74  | 14.99 | 36.37 | 26.62 | 38.10 | 1 7/16-18 NEF       |

Note: Serrations / antirotation feature is not provided on shells for 10A, 10E and 10F styles.



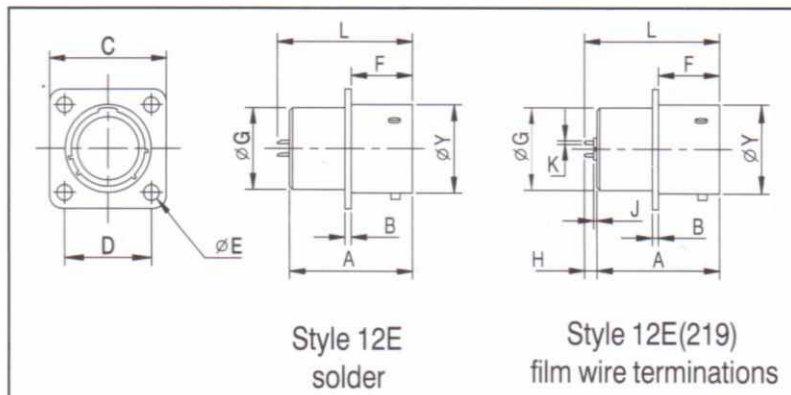
### With termination assemblies

All dimensions in mm

| Shell size | Style 10A |       |                    | Style 10E |       | Style 10F |       |       | Style 10J |       |                      |       |
|------------|-----------|-------|--------------------|-----------|-------|-----------|-------|-------|-----------|-------|----------------------|-------|
|            | G Dia     | L     | M thread in inches | G Dia     | L     | G Dia     | H Dia | L     | G Dia     | L     | For cable size Z Dia |       |
|            |           |       |                    |           |       |           |       |       |           |       | min                  | max   |
| 8          | 14.25     | 41.25 | 1/2-28 UNEF        | 14.25     | 32.54 | 21.03     | 3.96  | 44.76 | 14.25     | 46.89 | 4.28                 | 5.84  |
| 10         | 17.43     | 41.25 | 5/8-24 NEF         | 17.43     | 32.54 | 22.63     | 4.78  | 44.76 | 17.43     | 46.89 | 5.21                 | 7.93  |
| 12         | 20.60     | 41.25 | 3/4-20 UNEF        | 20.60     | 32.54 | 25.81     | 7.93  | 44.76 | 20.80     | 49.45 | 8.59                 | 11.23 |
| 14         | 23.78     | 41.25 | 7/8-20 UNEF        | 23.78     | 32.54 | 28.98     | 9.58  | 44.10 | 23.78     | 54.54 | 10.57                | 13.69 |
| 16         | 26.98     | 41.25 | 1-20 UNEF          | 26.98     | 32.54 | 30.56     | 12.70 | 47.65 | 26.98     | 59.61 | 13.97                | 15.65 |
| 18         | 30.12     | 41.25 | 1 3/16-18 NEF      | 30.12     | 32.54 | 36.22     | 15.87 | 47.65 | 30.12     | 64.70 | 15.24                | 17.07 |
| 20         | 33.30     | 42.85 | 1 3/16-18 NEF      | 33.30     | 35.13 | 36.22     | 15.87 | 53.80 | 33.30     | 71.91 | 16.13                | 18.98 |
| 22         | 36.47     | 42.85 | 1 7/16-18 NEF      | 36.47     | 35.13 | 39.80     | 19.05 | 53.80 | 36.47     | 76.99 | 17.02                | 21.49 |
| 24         | 39.65     | 43.94 | 1 7/16-18 NEF      | 39.65     | 35.13 | 44.07     | 30.32 | 57.15 | 39.65     | 78.08 | 18.80                | 22.71 |

## Connector styles

### Box mounting receptacles



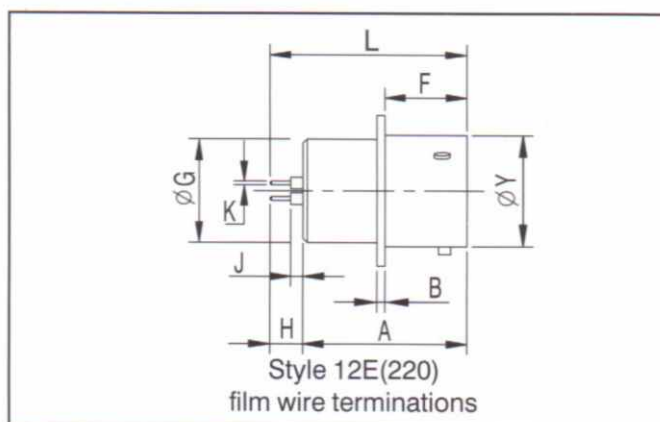
All dimensions in mm

| Shell size | B    | C     | D     | E Dia | F     | G Dia | Y Dia | Style 12E |       | Style 12E(219) |      |      |      |      |      |       |
|------------|------|-------|-------|-------|-------|-------|-------|-----------|-------|----------------|------|------|------|------|------|-------|
|            |      |       |       |       |       |       |       | A         | L     | A              | H    |      | J    | K    |      | L     |
|            |      |       |       |       |       |       |       |           |       |                | min  | max  |      | min  | max  |       |
| 8          | 1.58 | 20.75 | 15.09 | 3.05  | 11.30 | 11.02 | 12.02 | 20.32     | 24.84 | 20.32          | 4.22 | 5.03 | 2.26 | 0.70 | 0.76 | 24.95 |
| 10         | 1.58 | 23.93 | 18.26 | 3.05  | 11.30 | 14.17 | 14.99 | 20.32     | 24.84 | 20.32          | 4.22 | 5.03 | 2.26 | 0.70 | 0.76 | 24.95 |
| 12         | 1.58 | 26.32 | 20.63 | 3.05  | 11.30 | 17.35 | 19.05 | 20.32     | 24.84 | 20.32          | 4.22 | 5.03 | 2.26 | 0.70 | 0.76 | 24.95 |
| 14         | 1.58 | 28.70 | 23.10 | 3.05  | 11.30 | 20.52 | 22.23 | 20.32     | 24.84 | 20.32          | 4.22 | 5.03 | 2.26 | 0.70 | 0.76 | 24.95 |
| 16         | 1.58 | 31.07 | 24.61 | 3.05  | 11.30 | 23.70 | 25.40 | 20.32     | 24.84 | 20.32          | 4.22 | 5.03 | 2.26 | 0.70 | 0.76 | 24.95 |
| 18         | 1.58 | 33.45 | 26.58 | 3.05  | 11.30 | 26.85 | 28.58 | 20.32     | 24.84 | 20.32          | 4.22 | 5.03 | 2.26 | 0.70 | 0.76 | 24.95 |
| 20         | 2.03 | 36.63 | 29.36 | 3.05  | 14.10 | 30.02 | 31.75 | 22.23     | 26.62 | 22.23          | 3.89 | 4.70 | 1.93 | 0.70 | 0.76 | 26.85 |
| 22         | 2.03 | 39.80 | 31.75 | 3.05  | 14.10 | 30.02 | 34.93 | 22.23     | 26.62 | 22.23          | 3.89 | 4.70 | 1.93 | 0.70 | 0.76 | 26.85 |
| 24         | 2.03 | 42.98 | 34.93 | 3.74  | 14.99 | 36.37 | 38.10 | 22.23     | 26.62 | 22.23          | 3.89 | 4.70 | 1.93 | 0.70 | 0.76 | 26.85 |

## Mounting data

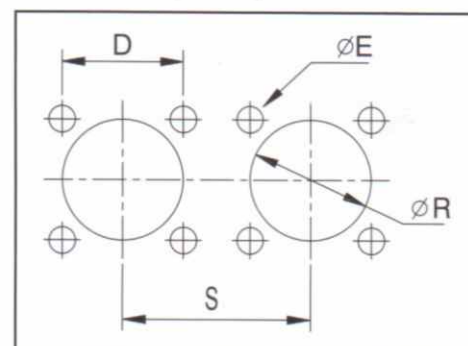
### Panel cutouts

### Wall mounting receptacles



All dimensions in mm

| Shell size | A     | H    |      | J    | K    |      | L     |
|------------|-------|------|------|------|------|------|-------|
|            |       | min  | max  |      | min  | max  |       |
| 8          | 20.32 | 7.95 | 8.00 | 4.60 | 0.70 | 0.76 | 28.32 |
| 10         | 20.32 | 7.95 | 8.00 | 4.60 | 0.70 | 0.76 | 28.32 |
| 12         | 20.32 | 7.95 | 8.00 | 4.60 | 0.70 | 0.76 | 28.32 |
| 14         | 20.32 | 7.95 | 8.00 | 4.60 | 0.70 | 0.76 | 28.32 |
| 16         | 20.32 | 7.95 | 8.00 | 4.60 | 0.70 | 0.76 | 28.32 |
| 18         | 20.32 | 7.95 | 8.00 | 4.60 | 0.70 | 0.76 | 28.32 |
| 20         | 22.23 | 7.95 | 8.00 | 4.60 | 0.70 | 0.76 | 30.23 |
| 22         | 22.23 | 7.95 | 8.00 | 4.60 | 0.70 | 0.76 | 30.23 |
| 24         | 22.23 | 7.95 | 8.00 | 4.60 | 0.70 | 0.76 | 30.23 |



All dimensions in mm

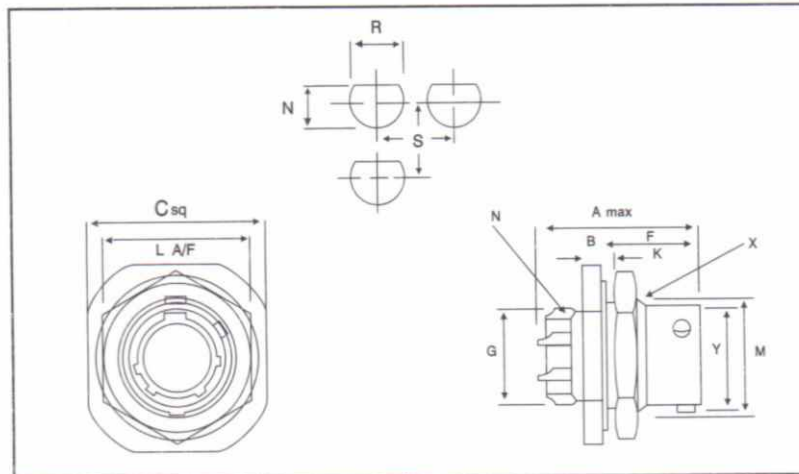
| Shell size | D     | E Dia | R Dia | S     |
|------------|-------|-------|-------|-------|
| 8          | 15.09 | 3.05  | 14.42 | 31.73 |
| 10         | 18.29 | 3.05  | 17.53 | 34.52 |
| 12         | 20.75 | 3.05  | 21.84 | 38.89 |
| 14         | 23.11 | 3.05  | 25.15 | 42.06 |
| 16         | 24.64 | 3.05  | 28.19 | 45.24 |
| 18         | 26.92 | 3.05  | 31.49 | 48.03 |
| 20         | 29.46 | 3.05  | 35.54 | 51.59 |
| 22         | 31.75 | 3.05  | 37.85 | 52.76 |
| 24         | 35.05 | 3.05  | 41.15 | 57.84 |

Note: Style 220 is also available for 57A type receptacles with similar termination dimensions as 12E(220) style shown above.

## 621N SERIES

### 621N - 57T

Single hole mounting with threaded shell to accept accessories



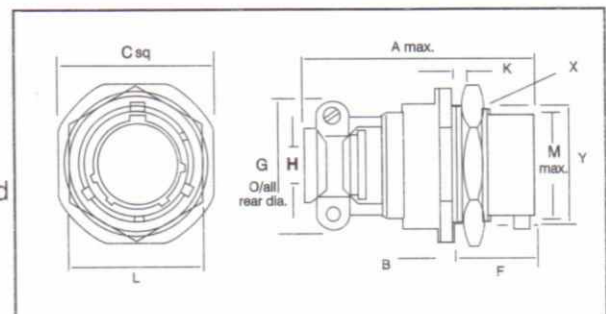
All dimensions in mm

| Shell Size | A max          | B<br>±0.05<br>(±0.13) | C max<br>sq.   | F<br>±0.005<br>(±0.13) | G<br>Dia.<br>Max. | K<br>min      | K<br>Max      | L              | M<br>-0.005<br>(-0.13) | N             | Y              | X<br>Thread   |
|------------|----------------|-----------------------|----------------|------------------------|-------------------|---------------|---------------|----------------|------------------------|---------------|----------------|---------------|
| 08         | 0.978<br>24.84 | 0.117<br>2.97         | 0.942<br>23.93 | 0.595<br>15.12         | 0.426<br>10.82    | 0.062<br>1.58 | 0.125<br>3.58 | 0.750<br>19.05 | 0.527<br>13.3          | 7/16 - UNEF   | 0.473<br>12.03 | 9/16-24 NEF   |
| 10         | 0.978<br>24.84 | 0.117<br>2.97         | 1.067<br>27.10 | 0.595<br>15.12         | 0.552<br>14.02    | 0.062<br>1.58 | 0.125<br>3.18 | 0.875<br>22.23 | 0.652<br>16.56         | 9/16 - UNEF   | 0.590<br>14.99 | 11/16-24 NEF  |
| 12         | 0.978<br>24.84 | 0.117<br>2.97         | 1.255<br>31.88 | 0.595<br>15.12         | 0.677<br>17.20    | 0.062<br>1.58 | 0.125<br>3.18 | 1.062<br>26.98 | 0.825<br>20.70         | 11/16 - UNEF  | 0.750<br>19.05 | 7/8-20 UNEF   |
| 12         | 0.978<br>24.84 | 0.117<br>2.97         | 1.380<br>35.05 | 0.595<br>15.12         | 0.802<br>20.37    | 0.062<br>1.58 | 0.125<br>3.18 | 1.187<br>30.15 | 0.939<br>23.85         | 13/16 - UNEF  | 0.875<br>22.23 | 1-20 UNEF     |
| 16         | 0.978<br>24.84 | 0.117<br>2.97         | 1.505<br>38.23 | 0.595<br>15.12         | 0.927<br>23.55    | 0.062<br>1.58 | 0.125<br>3.18 | 1.312<br>33.32 | 1.063<br>27.00         |               | 1.000<br>25.40 | 1.1/18-18 NEF |
| 18         | 0.978<br>24.84 | 0.117<br>2.97         | 1.630<br>41.40 | 1.595<br>15.12         | 1.052<br>26.72    | 0.062<br>1.58 | 0.125<br>3.18 | 1.437<br>36.50 | 1.188<br>30.18         | 15/16 - UNEF  | 1.125<br>28.58 | 1.1/4-18 NEF  |
| 20         | 1.048<br>26.62 | 0.148<br>3.76         | 1.817<br>46.15 | 0.720<br>18.29         | 1.167<br>29.65    | 0.062<br>1.58 | 0.250<br>6.35 | 1.562<br>39.68 | 1.313<br>33.35         | 1.3/16 - UNEF | 1.250<br>31.75 | 1.3/8-18 NEF  |
| 22         | 1.048<br>26.62 | 0.148<br>3.76         | 1.942<br>49.33 | 0.720<br>18.29         | 1.292<br>32.82    | 0.062<br>1.58 | 0.250<br>6.35 | 1.687<br>42.85 | 1.438<br>36.53         | 1.5/16 - UNEF | 1.375<br>34.93 | 1.1/2-18 NEF  |
| 24         | 1.048<br>26.62 | 0.148<br>3.76         | 2.067<br>52.50 | 0.753<br>19.13         | 1.416<br>35.97    | 0.062<br>1.58 | 0.250<br>6.35 | 1.812<br>46.05 | 1.563<br>39.70         | 1.7/16 - UNEF | 1.500<br>38.10 | 1.5/8-18 NEF  |



### 621N - 14F

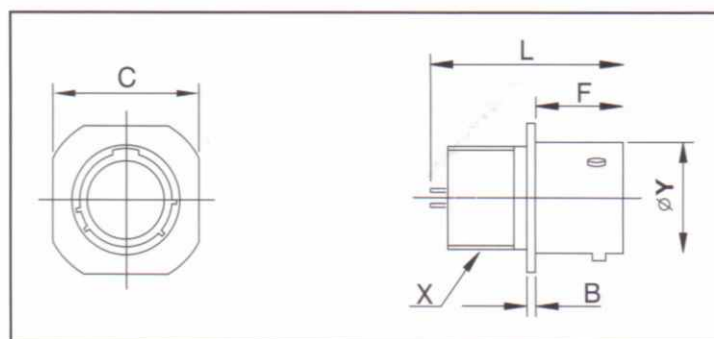
Single hole mounting with grommet and grommet nut fitted with integral strain relief clamp  
Has panel 'O' ring seal



| Shell Size | A max          | B<br>+0.05<br>(+0.13) | C max<br>sq.   | F<br>±0.005<br>(±0.13) | G<br>dia<br>max | H<br>±0.005<br>(±0.13) | K<br>min      | K<br>max       | L              | M<br>-0.005<br>(-0.13) | N<br>±0.005<br>(±0.13) | R<br>±0.005<br>(±0.13) | S              | Y              | X<br>Thread  |
|------------|----------------|-----------------------|----------------|------------------------|-----------------|------------------------|---------------|----------------|----------------|------------------------|------------------------|------------------------|----------------|----------------|--------------|
| 08         | 1.762<br>44.75 | 0.117<br>2.97         | 0.942<br>23.93 | 0.706<br>17.93         | 0.828<br>21.03  | 0.156<br>3.96          | 0.062<br>1.58 | 0.750<br>19.50 | 0.125<br>3.175 | 0.527<br>13.3          | 0.540<br>13.72         | 0.572<br>14.53         | 1.250<br>31.75 | 0.473<br>12.03 | 9/16-24 NEF  |
| 10         | 1.762<br>44.75 | 0.117<br>2.97         | 1.067<br>27.10 | 0.706<br>17.93         | 0.891<br>22.63  | 0.188<br>4.78          | 0.062<br>1.58 | 0.125<br>3.18  | 0.875<br>22.23 | 0.652<br>16.56         | 0.665<br>16.89         | 0.697<br>17.70         | 1.359<br>34.52 | 0.590<br>14.99 | 11/16-24 NEF |
| 12         | 1.762<br>44.75 | 0.117<br>2.97         | 1.255<br>31.88 | 0.706<br>17.93         | 1.016<br>25.81  | 0.312<br>7.93          | 0.062<br>1.58 | 0.125<br>3.18  | 1.062<br>26.98 | 0.815<br>20.70         | 0.828<br>21.03         | 0.885<br>22.48         | 1.531<br>38.89 | 0.750<br>19.05 | 7/8-20 UNEF  |
| 14         | 1.876<br>47.65 | 0.117<br>2.97         | 1.380<br>35.05 | 0.706<br>17.93         | 1.141<br>28.97  | 0.375<br>9.35          | 0.062<br>1.58 | 0.125<br>3.18  | 1.187<br>30.15 | 0.939<br>23.85         | 0.952<br>24.18         | 1.010<br>25.65         | 1.656<br>42.06 | 0.875<br>22.23 | 1-20 UNEF    |
| 16         | 1.876<br>47.65 | 0.117<br>2.97         | 1.505<br>38.23 | 0.706<br>17.93         | 1.203<br>30.56  | 0.500<br>12.7          | 0.062<br>1.58 | 0.125<br>3.18  | 1.312<br>33.32 | 1.063<br>27.00         | 1.076<br>27.33         | 1.135<br>28.83         | 1.781<br>45.24 | 1.000<br>25.40 | 1.1/8-18 NEF |
| 18         | 1.876<br>47.65 | 0.117<br>2.97         | 1.630<br>41.40 | 0.706<br>17.93         | 1.426<br>36.22  | 0.625<br>15.88         | 0.062<br>1.58 | 0.125<br>3.175 | 1.437<br>36.50 | 1.188<br>30.18         | 1.201<br>30.50         | 1.260<br>32.00         | 1.891<br>48.03 | 1.125<br>28.58 | 1.1/4-18 NEF |
| 20         | 2.118<br>53.8  | 0.148<br>3.76         | 1.817<br>46.15 | 0.894<br>22.71         | 1.426<br>36.22  | 0.625<br>15.88         | 0.062<br>1.58 | 0.250<br>6.35  | 1.562<br>39.68 | 1.313<br>33.35         | 1.326<br>33.68         | 1.385<br>35.18         | 2.031<br>51.59 | 1.250<br>31.75 | 1.3/8-18 NEF |
| 22         | 2.118<br>53.8  | 0.148<br>3.76         | 1.942<br>49.33 | 0.894<br>22.71         | 1.567<br>39.80  | 0.750<br>19.05         | 0.062<br>1.58 | 0.250<br>6.35  | 1.687<br>42.85 | 1.438<br>36.53         | 1.451<br>36.86         | 1.510<br>38.35         | 2.156<br>54.76 | 1.375<br>34.93 | 1.1/2-18 NEF |
| 24         | 2.250<br>57.15 | 0.148<br>3.76         | 2.067<br>52.50 | 0.927<br>23.55         | 1.735<br>44.07  | 0.800<br>20.32         | 0.062<br>1.58 | 0.250<br>6.35  | 1.812<br>46.05 | 1.563<br>39.70         | 1.576<br>40.03         | 1.635<br>41.45         | 2.277<br>57.84 | 1.500<br>38.10 | 1.5/8-18 NEF |

## Connector styles

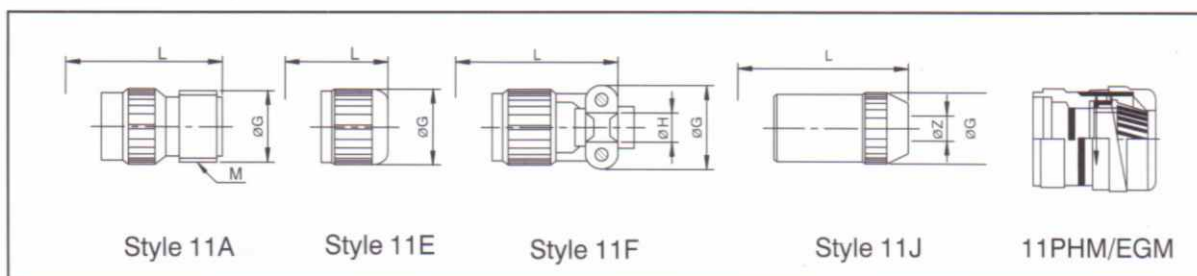
### Cable mounting receptacles



### Without termination assemblies

All dimensions in mm

| Shell size | B    | C     | F     | L     | Y Dia | X thread in inches |
|------------|------|-------|-------|-------|-------|--------------------|
| 8          | 2.39 | 20.75 | 10.54 | 24.84 | 12.03 | 7/16-28 UNEF       |
| 10         | 2.39 | 23.93 | 10.54 | 24.84 | 14.99 | 9/16-24 NEF        |
| 12         | 2.39 | 26.32 | 10.54 | 24.84 | 19.05 | 11/16-24 NEF       |
| 14         | 2.39 | 28.70 | 10.54 | 24.84 | 22.23 | 13/16-20 UNEF      |
| 16         | 2.39 | 31.07 | 10.54 | 24.84 | 25.40 | 15/16-20 UNEF      |
| 18         | 2.39 | 33.45 | 10.54 | 24.84 | 28.58 | 1 1/16-18 NEF      |
| 20         | 2.59 | 36.63 | 13.59 | 26.62 | 31.75 | 1 3/16-18 NEF      |
| 22         | 2.59 | 39.80 | 13.59 | 26.62 | 34.93 | 1 5/16-18 NEF      |
| 24         | 2.59 | 42.98 | 14.53 | 26.62 | 38.10 | 1 7/16-18 NEF      |



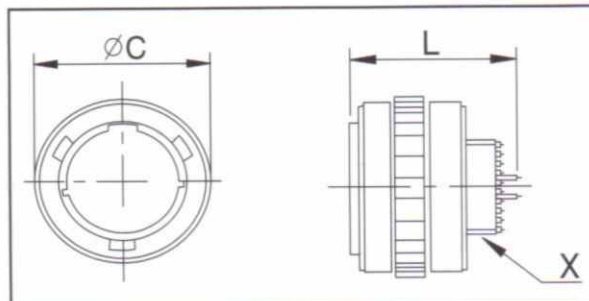
### With termination assemblies

All dimensions in mm

| Shell size | Style 11A |       |                    | Style 11E |       | Style 11F |       |       | Style 11J |       |                      |       |
|------------|-----------|-------|--------------------|-----------|-------|-----------|-------|-------|-----------|-------|----------------------|-------|
|            | G Dia     | L     | M thread in inches | G Dia     | L     | G Dia     | H Dia | L     | G Dia     | L     | For cable size Z Dia |       |
|            |           |       |                    |           |       |           |       |       |           |       | min                  | max   |
| 8          | 14.25     | 41.25 | 1/2-28 UNEF        | 14.25     | 32.54 | 21.03     | 3.96  | 44.76 | 14.25     | 46.89 | 4.28                 | 5.84  |
| 10         | 17.43     | 41.25 | 5/8-24 NEF         | 17.43     | 32.54 | 22.63     | 4.78  | 44.76 | 17.43     | 46.89 | 5.21                 | 7.93  |
| 12         | 20.60     | 41.25 | 3/4-20 UNEF        | 20.60     | 32.54 | 25.81     | 7.93  | 44.76 | 20.60     | 49.45 | 8.59                 | 11.23 |
| 14         | 23.78     | 41.25 | 7/8-20 UNEF        | 23.78     | 32.54 | 28.97     | 9.53  | 44.10 | 23.78     | 54.54 | 10.57                | 13.69 |
| 16         | 26.95     | 41.25 | 1-20 UNEF          | 26.95     | 32.54 | 30.56     | 12.70 | 47.65 | 26.95     | 59.61 | 13.97                | 15.65 |
| 18         | 30.13     | 41.25 | 1 3/16-18 NEF      | 30.13     | 32.54 | 36.22     | 15.88 | 47.65 | 30.13     | 64.70 | 15.24                | 17.07 |
| 20         | 33.30     | 42.85 | 1 3/16-18 NEF      | 33.30     | 35.13 | 36.22     | 15.88 | 53.80 | 33.30     | 71.91 | 16.13                | 18.98 |
| 22         | 36.75     | 42.85 | 1 7/16-18 NEF      | 36.75     | 35.13 | 39.80     | 19.05 | 53.80 | 36.75     | 76.99 | 17.02                | 21.49 |
| 24         | 39.65     | 43.95 | 1 7/16-18 NEF      | 39.65     | 35.13 | 44.07     | 20.32 | 57.15 | 39.65     | 78.03 | 18.80                | 22.71 |

## Connector styles

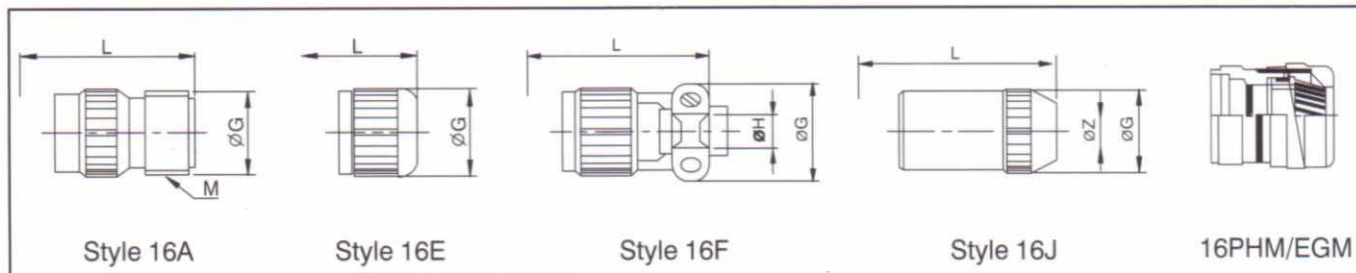
16



Without termination assemblies

All dimensions in mm

| Shell size | C Dia | L     | X in inches   |
|------------|-------|-------|---------------|
| 8          | 19.05 | 24.79 | 7/16-28 UNEF  |
| 10         | 21.82 | 24.79 | 9/16-24NEF    |
| 12         | 26.19 | 24.79 | 11/16-24 NEF  |
| 14         | 29.36 | 24.79 | 13/16-20 UNEF |
| 16         | 32.54 | 24.79 | 15/16-20 UNEF |
| 18         | 35.33 | 24.79 | 11/16-18 NEF  |
| 20         | 38.89 | 26.79 | 1 3/16-18 NEF |
| 22         | 42.06 | 26.79 | 1 5/16-18 NEF |
| 24         | 45.14 | 26.79 | 1 7/16-18 NEF |



With termination assemblies

| Shell size | Style 16 A |       |                    | Style 16 E |       | Style 16 F |       |       | Style 16 J |       |                      |       |
|------------|------------|-------|--------------------|------------|-------|------------|-------|-------|------------|-------|----------------------|-------|
|            | G Dia      | L     | M Thread In Inches | G Dia      | L     | G Dia      | H Dia | L     | G Dia      | L     | For cable size Z Dia |       |
|            |            |       |                    |            |       |            |       |       |            |       | min                  | max   |
| 8          | 14.25      | 41.00 | 1/2-28 UNEF        | 14.25      | 32.54 | 21.03      | 3.96  | 44.50 | 14.25      | 46.64 | 4.28                 | 5.84  |
| 10         | 17.43      | 41.00 | 5/8-24 NEF         | 17.43      | 32.54 | 22.63      | 4.78  | 44.50 | 17.43      | 46.64 | 5.21                 | 7.93  |
| 12         | 20.60      | 41.00 | 3/4-20 UNEF        | 20.60      | 32.54 | 25.81      | 7.93  | 44.50 | 20.60      | 49.20 | 8.59                 | 11.23 |
| 14         | 23.78      | 41.00 | 7/8-20 UNEF        | 23.78      | 32.54 | 28.97      | 9.53  | 43.84 | 23.78      | 54.28 | 10.57                | 13.69 |
| 16         | 26.95      | 41.00 | 1-20 UNEF          | 26.95      | 32.54 | 30.56      | 12.70 | 47.40 | 26.95      | 59.36 | 13.97                | 15.65 |
| 18         | 30.13      | 41.00 | 1 3/16-18 NEF      | 30.13      | 32.54 | 36.22      | 15.88 | 47.40 | 30.13      | 64.45 | 15.24                | 17.07 |
| 20         | 33.30      | 41.00 | 1 3/16-18 NEF      | 33.30      | 32.54 | 36.22      | 15.88 | 51.81 | 33.30      | 70.05 | 16.13                | 18.98 |
| 22         | 36.75      | 41.00 | 1 7/16-18 NEF      | 36.75      | 32.54 | 39.80      | 19.05 | 51.81 | 36.75      | 75.13 | 17.02                | 21.49 |
| 24         | 39.61      | 42.11 | 1 7/16-18 NEF      | 39.61      | 32.54 | 44.07      | 20.32 | 55.32 | 39.61      | 76.25 | 18.80                | 22.71 |

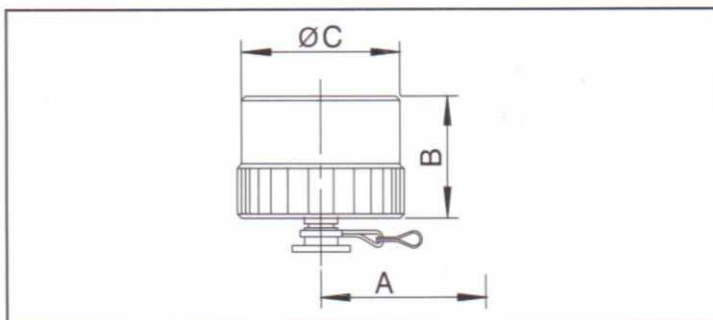
Notes: 1. Plugs are also available with heavy duty ribbed coupling ring. To order, add deviation (044) at the end of plug part number.

## Metallic dust covers

Standard is olive drab chromate finish over cadmium plating with straight knurling. To order add suffix **-XX** to required style, where XX specifies shell size. It is strongly recommended that these are fitted to provide protection when connectors are not in use. For alternate finishes or dust covers with heavy duty ribs, contact factory for further details and part number. Dust cap with Nylon cord is also available. Contact factory for further details.

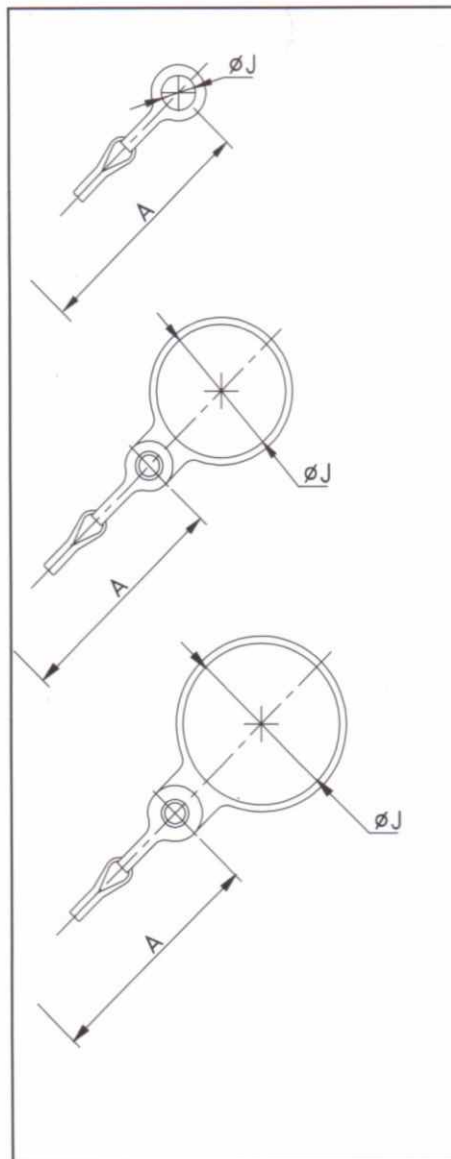
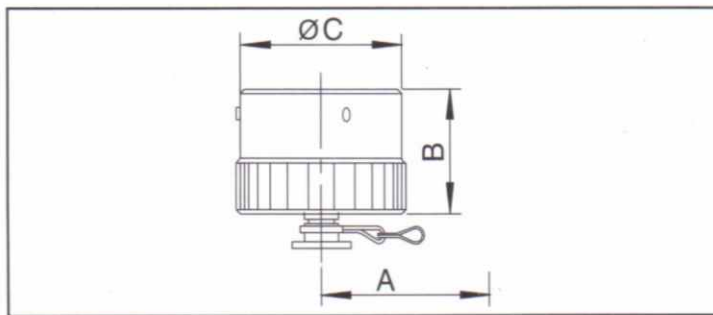
### For receptacles

| Dust cover style |                 | To fit receptacle style |
|------------------|-----------------|-------------------------|
| with chain       | with nylon cord |                         |
| 62IN-736         | 62IN-813        | Jam nut                 |
| 62IN-737         | 62IN-814        | Cable mounting          |
| 62IN-738         | 62IN-812        | Wall and box mounting   |



### For plugs

| Dust cover style |                 |
|------------------|-----------------|
| with chain       | with nylon cord |
| 62IN-742         | 62IN-810        |



All dimensions in mm

| Shell size | A<br>chain / cord<br>length | B                  |              | C<br>Dia | J Dia      |            |                          |
|------------|-----------------------------|--------------------|--------------|----------|------------|------------|--------------------------|
|            |                             | for<br>receptacles | for<br>plugs |          | 736<br>813 | 737<br>814 | 738<br>812<br>742<br>810 |
| 8          | 76.20                       | 15.21              | 15.03        | 18.64    | 14.68      | 11.63      | 4.40                     |
| 10         | 76.20                       | 15.21              | 15.03        | 21.82    | 17.86      | 14.81      | 4.40                     |
| 12         | 88.90                       | 15.21              | 15.03        | 25.40    | 22.63      | 17.98      | 4.40                     |
| 14         | 88.90                       | 15.21              | 15.03        | 28.57    | 25.81      | 22.76      | 4.40                     |
| 16         | 88.90                       | 15.21              | 15.03        | 31.75    | 29.39      | 25.93      | 4.40                     |
| 18         | 88.90                       | 15.21              | 15.03        | 34.92    | 32.16      | 29.11      | 4.40                     |
| 20         | 101.60                      | 15.21              | 15.03        | 38.10    | 35.33      | 32.28      | 4.40                     |
| 22         | 101.60                      | 15.21              | 15.03        | 41.27    | 38.51      | 35.46      | 4.40                     |
| 24         | 101.60                      | 15.21              | 15.03        | 44.45    | 41.68      | 38.63      | 4.40                     |

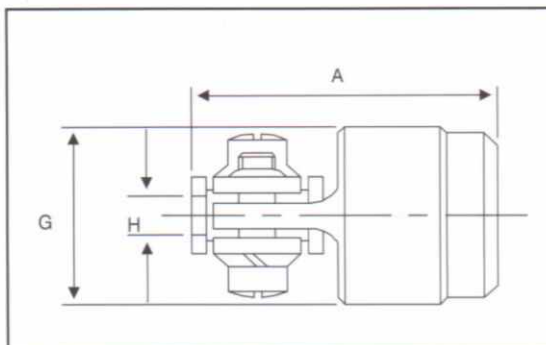
## Accessories

### Strain relief clamp with grommet

(Replace XX-XX with the required insert arrangement)



### 62IN-585-XX-XXS or XXP



All dimensions in mm

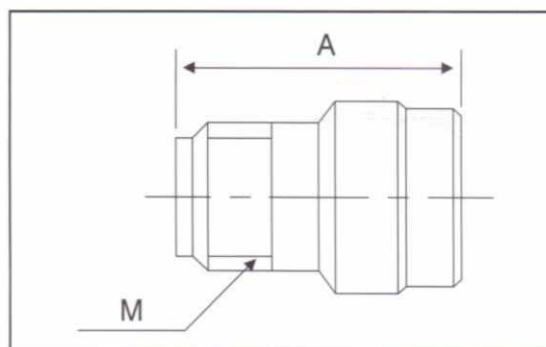
| Shell size | A<br>max | G<br>max | H<br>max |
|------------|----------|----------|----------|
| 8          | 25.17    | 21.03    | 4.09     |
| 10         | 25.17    | 22.63    | 4.90     |
| 12         | 25.17    | 25.81    | 8.05     |
| 14         | 24.51    | 28.98    | 9.65     |
| 16         | 28.07    | 30.56    | 12.83    |
| 18         | 28.07    | 36.22    | 16.00    |
| 20         | 32.64    | 36.22    | 16.00    |
| 22         | 32.64    | 39.80    | 19.18    |
| 24         | 34.88    | 44.07    | 20.45    |

### Shell to accept conduit

(Replace XX with the required shell size)



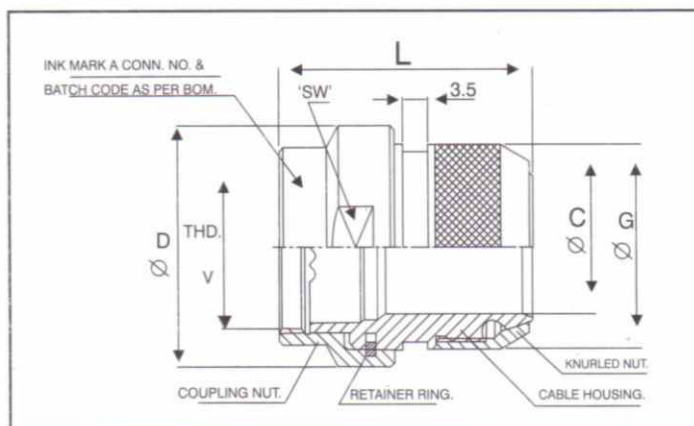
### 62IN-776-XX



All dimensions in mm

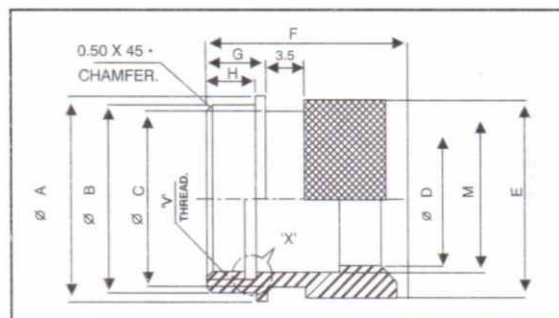
| Shell size | A<br>max | M<br>Thread in inches |
|------------|----------|-----------------------|
| 8          | 23.80    | 1/2-28 UNEF           |
| 10         | 23.80    | 5/8-24 NEF            |
| 12         | 23.80    | 3/4-20 UNEF           |
| 14         | 23.80    | 7/8-20 UNEF           |
| 16         | 23.80    | 1-20 UNEF             |
| 18         | 23.80    | 1 3/16-18 NEF         |
| 20         | 23.80    | 1 3/16-18 NEF         |
| 22         | 23.80    | 1 7/16-18 NEF         |
| 24         | 23.80    | 1 7/16-18 NEF         |

### 62IN - SQ Adaptors For Shielded Cables



| SIZE | ATX P/NO.  | 'V' THD.<br>UNEF-2B | Ø C<br>MIN. | Ø D<br>MAX. | Ø G<br>+0.5<br>-0.0 | L<br>MAX. | SW<br>-0.2 | RECOMME<br>NDED<br>TORQUE'S<br>(Nm) |
|------|------------|---------------------|-------------|-------------|---------------------|-----------|------------|-------------------------------------|
| 08   | 62IN-08-SQ | 7/16 -28            | 6.6         | 20          | 16                  | 36        | 18         | 4 +0.50                             |
| 10   | 62IN-10-SQ | 9/16 -24            | 9.2         | 23          | 18                  | 36        | 21         | 6 +0.50                             |
| 12   | 62IN-12-SQ | 11/16 -24           | 12.2        | 27          | 22                  | 36        | 24         | 8 ±1.0                              |
| 14   | 62IN-14-SQ | 13/16 -20           | 15.2        | 30          | 25                  | 37        | 28         | 10 ±1.0                             |
| 16   | 62IN-16-SQ | 15/16 -20           | 18.3        | 33          | 28                  |           | 31         |                                     |
| 18   | 62IN-18-SQ | 1 1/16 -18          | 20.0        | 36          | 32                  |           | 34         | 13 ±1.0                             |
| 20   | 62IN-20-SQ | 1 3/16 -18          | 23.0        | 40          | 34                  |           | 37         |                                     |
| 22   | 62IN-22-SQ | 1 5/16 -18          | 26.0        | 43          | 38                  |           | 41         |                                     |
| 24   | 62IN-24-SQ | 1 7/16 -18          | 28.8        | 46          | 41                  | 37        | 44         |                                     |

### 62IN - Shrink Boot Adaptors For Unshielded Cables

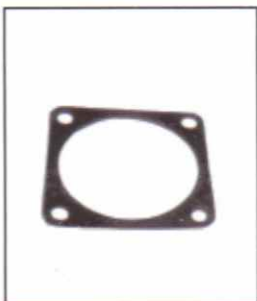


| SIZE | ATX P/NO    | Ø 'A'<br>-0.3 | Ø 'B' | Ø 'C'<br>-0.2 | Ø 'D'<br>+0.2 | Ø 'E'<br>+0.5 | 'F'  | 'G'  | 'H'  | 'V' THREAD.<br>UNEF -2B | 'M'<br>+0.1 |
|------|-------------|---------------|-------|---------------|---------------|---------------|------|------|------|-------------------------|-------------|
| 08   | 62IN-108559 | 15.4          | 14.0  | 13.1          | 9.2           | 15.1          | 17.5 | 5.50 | 4.50 | 7/16 -28                | 10.2        |
| 10   | 62IN-108560 | 18.6          | 17.0  | 15.9          | 12.1          | 17.9          |      |      |      | 9/16 -24                | 13.3        |
| 12   | 62IN-108561 | 21.8          | 20.3  | 21.2          | 15.1          | 23.2          |      |      |      | 11/16 -24               | 16.5        |
| 14   | 62IN-108562 | 25.0          | 23.3  | 22.1          | 18.4          | 24.0          |      |      |      | 13/16 -20               | 19.5        |
| 16   | 62IN-108563 | 28.2          | 26.4  | 26.0          | 21.6          | 29.3          | 20.0 | 5.00 | 4.00 | 15/16 -20               | 22.6        |
| 18   | 62IN-108564 | 31.3          | 29.5  | 28.4          | 24.1          | 31.5          | 20.0 |      |      | 1 1/16 -18              | 25.6        |
| 20   | 62IN-108565 | 34.5          | 32.7  | 32.3          | 27.3          | 35.6          | 21.3 |      |      | 1 3/16 -18              | 28.8        |
| 22   | 62IN-108566 | 37.7          | 35.8  | 34.7          | 30.5          | 38.0          | 21.3 |      |      | 1 5/16 -18              | 32.0        |
| 24   | 62IN-108567 | 40.9          | 39.0  | 37.9          | 33.7          | 41.0          | 20.0 | 5.00 | 4.00 | 1 7/16 -18              | 35.2        |

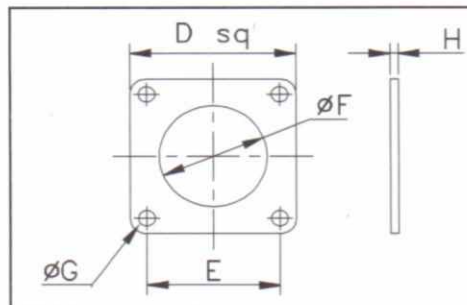
## Accessories

### Flange mounting gasket

(Replace XX with the required shell size)



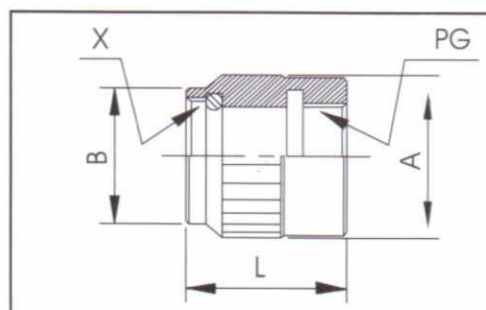
### 62IN-760-XX



All dimensions in mm

| Shell size | D     | E     | F Dia | G Dia | H max |
|------------|-------|-------|-------|-------|-------|
| 8          | 20.62 | 15.08 | 12.90 | 3.30  | 1.06  |
| 10         | 23.82 | 18.26 | 16.07 | 3.30  | 1.06  |
| 12         | 26.18 | 20.65 | 19.25 | 3.30  | 1.06  |
| 14         | 28.57 | 23.01 | 22.42 | 3.30  | 1.06  |
| 16         | 30.96 | 24.61 | 25.60 | 3.30  | 1.06  |
| 18         | 33.32 | 27.00 | 28.77 | 3.30  | 1.06  |
| 20         | 36.52 | 29.36 | 31.95 | 3.30  | 1.06  |
| 22         | 39.70 | 31.75 | 35.13 | 3.30  | 1.06  |
| 24         | 42.87 | 34.92 | 38.30 | 3.96  | 1.06  |

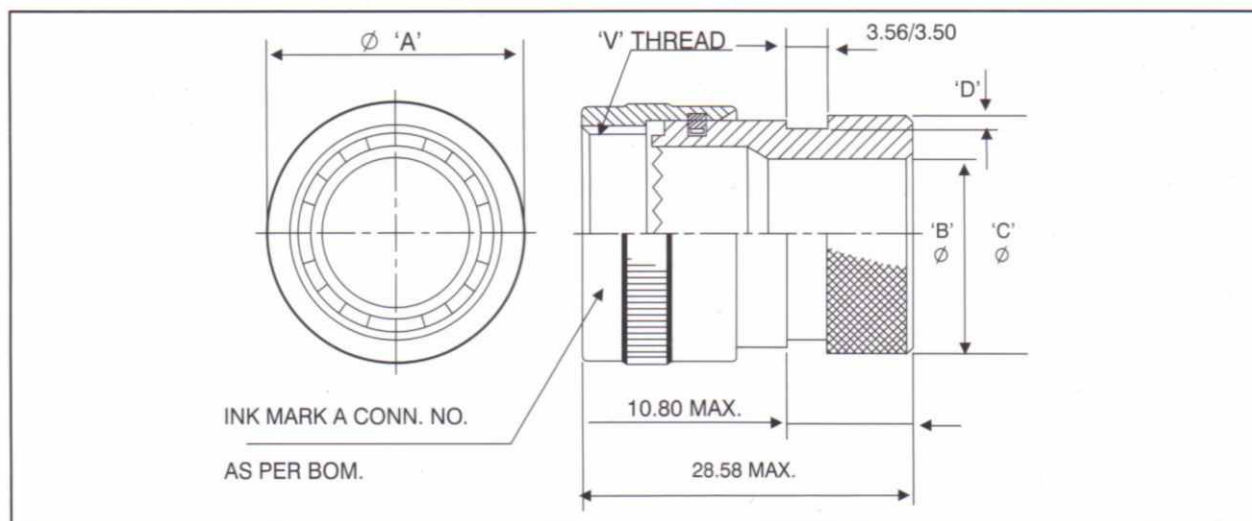
### PG Adaptors with 'O' ring



All dimensions in mm

| Part number   | For shell size | X Thread in inches | A     | B     | L     | PG Thread |
|---------------|----------------|--------------------|-------|-------|-------|-----------|
| 62IN08-PG7    | 8              | 7/16-28 UNEF       | 16.50 | 14.50 | 20.00 | PG7       |
| 62IN10-PG9    | 10             | 9/16-24 NEF        | 22.00 | 17.70 | 20.00 | PG9       |
| 62IN12-PG9    | 12             | 11/16-24 NEF       | 22.00 | 21.00 | 20.00 | PG9       |
| 62IN14-PG13.5 | 14             | 13/16-20 UNEF      | 28.00 | 23.50 | 25.00 | PG13.5    |
| 62IN16-PG9    | 16             | 15/16-20 UNEF      | 29.00 | 27.80 | 30.00 | PG 9      |
| 62IN18-PG16   | 18             | 1/16-18 NEF        | 31.50 | 31.00 | 35.00 | PG16      |
| 62IN20-PG21   | 20             | 13/16-18 NEF       | 35.00 | 34.00 | 40.00 | Pg21      |
| 62IN24-PG16   | 24             | 17/16-18 NEF       | 41.50 | 40.50 | 40.00 | PG16      |

## Shrink Boot Adaptor



| SHELL SIZE | $\phi$ A<br>MAX. | $\phi$ B<br>MIN. | $\phi$ C<br>+ 0.0<br>- 0.51 | D<br>+ 0.20<br>- 0.0 | 'V' THREAD<br>UNEF-2B | CONNECTORS P/NO.      |
|------------|------------------|------------------|-----------------------------|----------------------|-----------------------|-----------------------|
| 08         | 15.67            | 6.35             | 13.54                       | 1.12                 | 7 / 16" -28           | M85049 / 60-1-W-8-IN  |
| 10         | 18.64            | 9.02             | 15.37                       |                      | 9 / 16" -24           | M85049 / 60-1-W-10-IN |
| 12         | 21.79            | 12.47            | 19.66                       |                      | 11 / 16" -24          | M85049 / 60-1-W-12-IN |
| 14         | 24.99            | 14.35            | 21.29                       |                      | 13 / 16" -20          | M85049 / 60-1-W-14-IN |
| 16         | 28.24            | 17.53            | 24.46                       |                      | 15 / 16" -20          | M85049 / 60-1-W-16-IN |
| 18         | 30.94            | 19.53            | 26.47                       |                      | 1 1 / 16" -18         | M85049 / 60-1-W-18    |
| 20         | 34.16            | 22.71            | 30.91                       | 1.75                 | 1 3 / 16" -18         | M85049 / 60-1-W-20    |
| 22         | 32.79            | 25.88            | 34.42                       |                      | 1 5 / 16" -18         | M85049 / 60-1-W-22    |
| 24         | 40.46            | 28.80            | 36.65                       |                      | 1 7 / 16" -18         | M85049 / 60-1-W-24    |

## Specials

### Industrial version crimp contacts

62IN series connectors are also available with rear release crimp contacts for industrial applications. These contacts can be crimped to wires outside the connector and then inserted into place with the help of designated tools. Connector maintenance is simplified because damaged contacts can be removed by using the designated removal tool and replaced with a new contact. Spare contacts are also available.

### Standard deviations for finishes & features

| Deviation number | Description                                                                         |
|------------------|-------------------------------------------------------------------------------------|
| (004)            | Gold flash on contacts                                                              |
| (005)            | Crimp contact                                                                       |
| (023)            | Electrolytic Nickel plated hardware                                                 |
| (044)            | Rough grip heavy duty coupling ring (for plugs only)                                |
| (218)            | Coupling ring with lever arrangement                                                |
| (219)            | Film wire termination (short) for flexible printed wiring (57A and 12E styles only) |
| (220)            | Film wire termination (long) for flexible printed wiring (57A and 12E styles only)  |
| (416)            | Electroless Nickel Plating                                                          |
| *(608)           | Black anodised finish                                                               |
| (622)            | Cadmium free zinc-cobalt Plating-olive drab finish                                  |
| (624)            | Cadmium free zinc-cobalt Plating-black finish                                       |
| (0PX)            | Premating contact (X denotes premating contact designation)                         |
| (714)            | Cadmium over electroless Nickel                                                     |
| (720)            | Cadmium plating with black chromate                                                 |
| (725)            | Zinc plating with olive drab finish                                                 |
| (15A)            | With out back shell                                                                 |

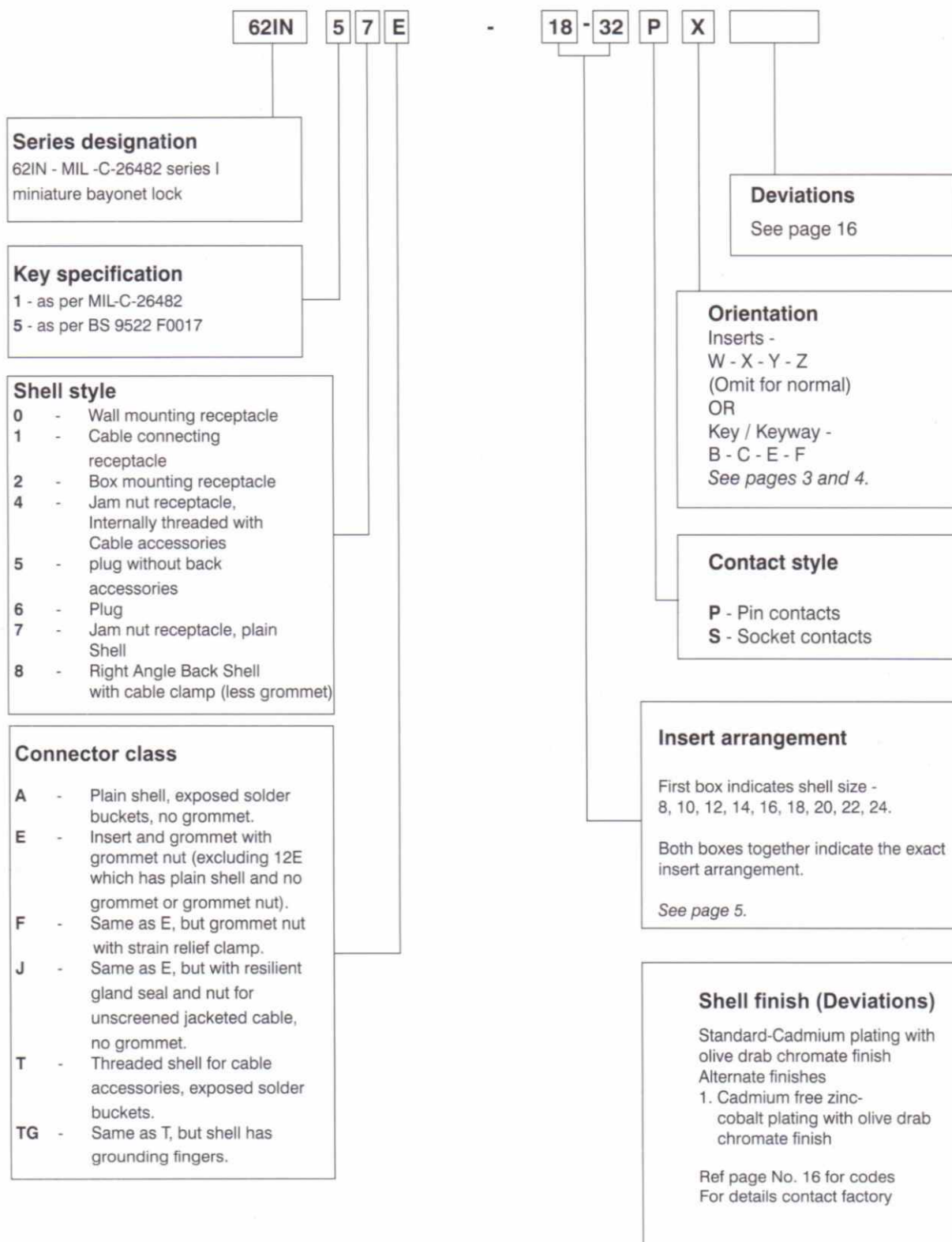
#### Specials

For special requirements, please contact factory with specifications and drawings. Amphenol has in-house capability to meet and custom build your special requirements for its range of MIL-C-26482 62IN series connectors.

\* Consult factory for availability.

## Ordering 62IN series connectors

To obtain a specific connector number, write down the connector number from the typical example below. Only inserts shown on page 5 can be specified. Connectors are delivered with protective dust caps. Deviations specified on page 15 must be included at the end of the connector number whenever required.



\* 18 F style does not include grommet sealing it comes with MS 5015 style right angle back shells.