

### ECTA 544 Plastic Circular Push-Pull IP67 Connector System with Crimp Contacts

#### Materials

Shells – Thermoplastic UL94V-0  
 Contacts – Copper Alloy  
 Contact Plating – Gold over Nickel  
 Inserts – Thermoplastic UL94V-0

#### Mechanical

Temp Range – -40°C ~ 125°C  
Durability  
 Machined Contacts – 1000 Cycles  
 Stamped Contacts – 250 Cycles

#### Also Available

Polarization – 3 Positions  
 Contacts – Fibre Optic and Coaxial  
 Right Angle Plugs & In-Line Receptacles

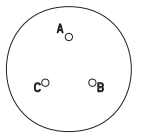
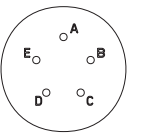
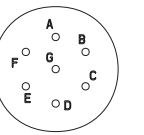
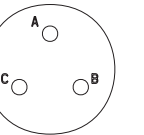
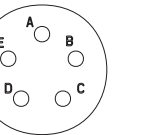
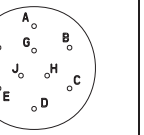
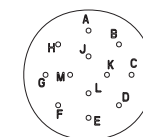
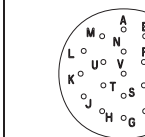
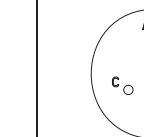
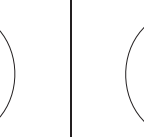
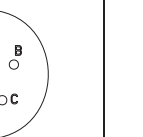
#### Related Information

Tools – Catalogue ECTA 544

Contacts for Connectors must be ordered separately see below

| Contacts for Connectors must be ordered separately see below |      |             |             |                                                                                   |  |                                                                                     |  |             |  |           |  |           |  |
|--------------------------------------------------------------|------|-------------|-------------|-----------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|-------------|--|-----------|--|-----------|--|
| Plug ØD                                                      |      | Backshell   |             | Mating Halves ( If Plug has Pins, Receptacle must have Sockets)                   |  |                                                                                     |  |             |  |           |  |           |  |
| Shell                                                        | mm   | Type        | Cable Ø     | In-Line Plug includes backshell                                                   |  | Square Flange Receptacle                                                            |  |             |  |           |  |           |  |
| 1                                                            | 24.8 | MDA         | 2~6mm       |  |  |  |  |             |  |           |  |           |  |
|                                                              |      | MDB         | 4~8mm       |                                                                                   |  |                                                                                     |  |             |  |           |  |           |  |
| 2                                                            | 32.5 | MDA         | 7~12mm      |                                                                                   |  |                                                                                     |  |             |  |           |  |           |  |
|                                                              |      | MDB         | 10~14m<br>m |                                                                                   |  |                                                                                     |  |             |  |           |  |           |  |
| 3                                                            | 38.8 | MDA         | 9~16mm      |                                                                                   |  |                                                                                     |  |             |  |           |  |           |  |
|                                                              |      | MDB         | 13~18m<br>m |                                                                                   |  |                                                                                     |  |             |  |           |  |           |  |
| Inserts                                                      |      | Part Number |             |                                                                                   |  | Part Number                                                                         |  |             |  |           |  |           |  |
|                                                              |      | Sockets     |             | Pins                                                                              |  | Sockets                                                                             |  | Pins        |  |           |  |           |  |
| 103                                                          |      | 5440MDA103F |             | 5440MDA103M                                                                       |  | 5440MDB103F                                                                         |  | 5440MDB103M |  | 5440E103F |  | 5440E103M |  |
| 105                                                          |      | 5440MDA105F |             | 5440MDA105M                                                                       |  | 5440MDB105F                                                                         |  | 5440MDB105M |  | 5440E105F |  | 5440E105M |  |
| 107                                                          |      | 5440MDA107F |             | 5440MDA107M                                                                       |  | 5440MDB107F                                                                         |  | 5440MDB107M |  | 5440E107F |  | 5440E107M |  |
| 203                                                          |      | 5440MDA203F |             | 5440MDA203M                                                                       |  | 5440MDB203F                                                                         |  | 5440MDB203M |  | 5440E203F |  | 5440E203M |  |
| 205                                                          |      | 5440MDA205F |             | 5440MDA205M                                                                       |  | 5440MDB205F                                                                         |  | 5440MDB205M |  | 5440E205F |  | 5440E205M |  |
| 209                                                          |      | 5440MDA209F |             | 5440MDA209M                                                                       |  | 5440MDB209F                                                                         |  | 5440MDB209M |  | 5440E209F |  | 5440E209M |  |
| 212                                                          |      | 5440MDA212F |             | 5440MDA212M                                                                       |  | 5440MDB212F                                                                         |  | 5440MDB212M |  | 5440E212F |  | 5440E212M |  |
| 219                                                          |      | 5440MDA219F |             | 5440MDA219M                                                                       |  | 5440MDB219F                                                                         |  | 5440MDB219M |  | 5440E219F |  | 5440E219M |  |
| 293                                                          |      | 5440MDA293F |             | 5440MDA293M                                                                       |  | 5440MDB293F                                                                         |  | 5440MDB293M |  | 5440E293F |  | 5440E293M |  |
| 295                                                          |      | 5440MDA295F |             | 5440MDA295M                                                                       |  | 5440MDB295F                                                                         |  | 5440MDB295M |  | 5440E295F |  | 5440E295M |  |
| 327                                                          |      | 5440MDA327F |             | 5440MDA327M                                                                       |  | 5440MDB327F                                                                         |  | 5440MDB327M |  | 5440E327F |  | 5440E327M |  |

#### Inserts

| Insert Representation                   | 103<br>3<br>1000V/5A or 10A                                                         |  | 105<br>5<br>630V/5A or 10A                                                          |  | 107<br>7<br>630V/5A or 10A                                                          |  | 203<br>3<br>1000V/25A                                                                |  | 205<br>5<br>800V/25A                                                                  |  | 209<br>9<br>630V/5A or 10A                                                            |  |
|-----------------------------------------|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|
| Inserts Shown from the Plug Mating Side |  |  |  |  |  |  |  |  |  |  |  |  |
| Insert Representation                   | 212<br>12<br>630V/5A or 10A                                                         |  | 219<br>19<br>630V/5A or 10A                                                         |  | 293<br>3<br>1000V/15A                                                               |  | 295<br>5<br>1000V/15A                                                                |  | 327<br>27<br>630V/5A or 10A                                                           |  |                                                                                       |  |
| Inserts Shown from the Plug Mating Side |  |  |  |  |  |  |  |  |  |  |                                                                                       |  |

#### Crimp Contacts

| Machined Contacts |             |               |                      |         | Stamped Contacts                                                                  |             |               |                      |         |
|-------------------|-------------|---------------|----------------------|---------|-----------------------------------------------------------------------------------|-------------|---------------|----------------------|---------|
| Part Numbers      |             | Wire Ø<br>Max | Contacts<br>/Package | Current | Part Numbers                                                                      |             | Wire Ø<br>Max | Contacts<br>/Package | Current |
| Pins              | Sockets     |               |                      |         | Pins                                                                              | Sockets     |               |                      |         |
| 5440020M100       | 5440020F100 | 2.6           | 100                  | 10A     | 5440220M100                                                                       | 5440220F100 | 1.52          | 100                  | 5A      |
| 5440016M100       | 5440016F100 | 3.2           |                      | 15A     | 5440320M100                                                                       | 5440320F100 | 1.02          |                      |         |
| 5440012M100       | 5440012F100 | 4.5           |                      | 25A     | Consult representative for Crimp Toll requirements. Contacts on Strips available. |             |               |                      |         |

#### Accessories

| Accessories                                                                         |                 | Caps        |                             |                                                               |                                                                                       |             |                                                                                       |
|-------------------------------------------------------------------------------------|-----------------|-------------|-----------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------|
|  | For Receptacles |             | For Plugs                   |                                                               |  |             |                                                                                       |
|                                                                                     | Shell Size      | Part Number | Shell Size                  | Part Number                                                   |                                                                                       |             |                                                                                       |
|                                                                                     | 1               | 54401BE     | 1                           | 54401BM                                                       |                                                                                       |             |                                                                                       |
|                                                                                     | 2               | 54402BE     | 2                           | 54402BM                                                       |                                                                                       |             |                                                                                       |
|                                                                                     | 3               | 54403BE     | 3                           | 54403BM                                                       |                                                                                       |             |                                                                                       |
|  | Part Number     | Shell       | Description                 | Description                                                   | Shell                                                                                 | Part Number |  |
|                                                                                     | 5440JT01        | 1           | O Ring Seal for Receptacles | Insert/Extract Tool to Disconnect Insert and Extract Contacts | 1                                                                                     | 5440OT01    |                                                                                       |
|                                                                                     | 5440JT02        | 2           |                             |                                                               | 2                                                                                     | 5440OT02    |                                                                                       |
|                                                                                     | 5440JT03        | 3           |                             |                                                               | 3                                                                                     | 5440OT03    |                                                                                       |

AirLB

Current indicated as maximum/contact at 40°C. IP67

### ECTA 133 Metal Circular Push-Pull IP67 Connector System

#### Materials

|                 |                       |
|-----------------|-----------------------|
| Shells          | – Aluminum Alloy      |
| Shell Plating   | – Nickel              |
| Locking Ring    | – Black Anodized      |
| Contacts        | – Copper Alloy        |
| Contact Plating | – Gold over Nickel    |
| Inserts         | – Fiber Glass UL94-V0 |

#### Also Available

|              |                            |
|--------------|----------------------------|
| Terminations | – Crimp and PCB            |
| Polarization | – 4 Positions              |
| Shells       | – Various <i>next page</i> |
| Other        | – Fibre Optic Inserts      |

#### Mechanical

|            |                 |
|------------|-----------------|
| Temp Range | – -40°C ~ 125°C |
| Durability | – 1000 Cycles   |

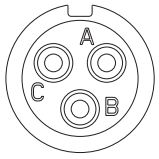
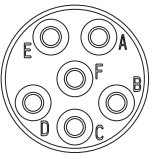
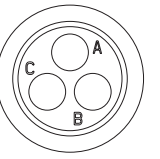
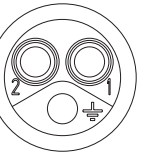
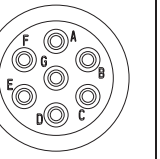
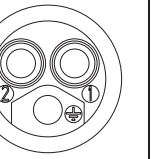
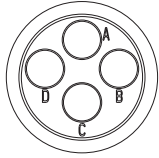
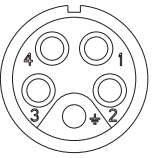
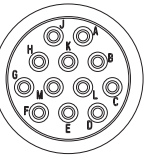
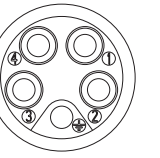
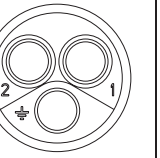
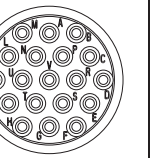
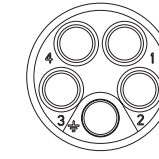
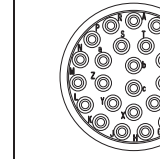
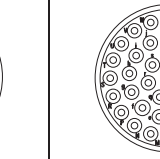
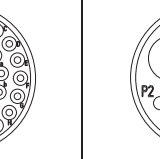
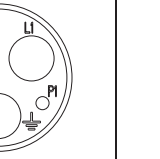
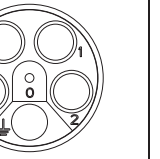
#### Related Information

|                |                      |
|----------------|----------------------|
| Full Catalogue | – ECTA 133           |
| Accessories    | – Next Page          |
| Tools          | – Catalogue ECTA 133 |

Connector Solutions below are Solder Terminated Standard Polarization (for Crimp replace 'Z' with 'S' and for PCB with 'Y')

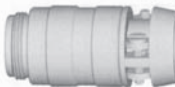
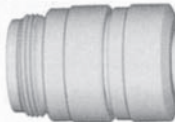
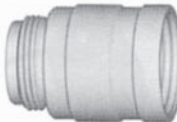
| Plug ØD |        | Mating Halves (Plug mates with any one type of Receptacle. If Plug has Pins, Receptacle must have Sockets) |            |             |             |                                                                                    |            |                                                                                     |            |
|---------|--------|------------------------------------------------------------------------------------------------------------|------------|-------------|-------------|------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|------------|
| Shell   | mm     | Receptacle                                                                                                 |            |             |             | Requires Backshell                                                                 |            | Plug                                                                                |            |
| 0       | 15     |                           |            |             |             |  |            |  |            |
| 1       | 20     |                                                                                                            |            |             |             |                                                                                    |            |                                                                                     |            |
| 2       | 24     |                                                                                                            |            |             |             |                                                                                    |            |                                                                                     |            |
| 3       | 26     |                                                                                                            |            |             |             |                                                                                    |            |                                                                                     |            |
| 4       | 30.5   |                                                                                                            |            |             |             |                                                                                    |            |                                                                                     |            |
| 5       | 36     |                                                                                                            |            |             |             |                                                                                    |            |                                                                                     |            |
| 6       | 49.8   |                                                                                                            |            |             |             |                                                                                    |            |                                                                                     |            |
| 7       | 56.2   |                                                                                                            |            |             |             |                                                                                    |            |                                                                                     |            |
| Inserts |        | Square Flange                                                                                              |            | Jam Nut     |             | In-Line                                                                            |            | In-Line                                                                             |            |
| Power   | Signal | Sockets                                                                                                    | Pins       | Sockets     | Pins        | Sockets                                                                            | Pins       | Sockets                                                                             | Pins       |
|         | 003    | 1332E003FZ                                                                                                 | 1332E003MZ | 1332EV003FZ | 1332EV003MZ | 1332P003FZ                                                                         | 1332P003MZ | 1332M003FZ                                                                          | 1332M003MZ |
|         | 006    | 1332E006FZ                                                                                                 | 1332E006MZ | 1332EV006FZ | 1332EV006MZ | 1332P006FZ                                                                         | 1332P006MZ | 1332M006FZ                                                                          | 1332M006MZ |
|         | 103    | 1332E103FZ                                                                                                 | 1332E103MZ | 1332EV103FZ | 1332EV103MZ | 1332P103FZ                                                                         | 1332P103MZ | 1332M103FZ                                                                          | 1332M103MZ |
| 103     |        | 1331E103FZ                                                                                                 | 1331E103MZ | 1331EV103FZ | 1331EV103MZ | 1331P103FZ                                                                         | 1331P103MZ | 1331M103FZ                                                                          | 1331M103MZ |
|         | 107    | 1332E107FZ                                                                                                 | 1332E107MZ | 1332EV107FZ | 1332EV107MZ | 1332P107FZ                                                                         | 1332P107MZ | 1332M107FZ                                                                          | 1332M107MZ |
| 193     |        | 1331E193FZ                                                                                                 | 1331E193MZ | 1331EV193FZ | 1331EV193MZ | 1331P193FZ                                                                         | 1331P193MZ | 1331M193FZ                                                                          | 1331M193MZ |
|         | 204    | 1332E204FZ                                                                                                 | 1332E204MZ | 1332EV204FZ | 1332EV204MZ | 1332P204FZ                                                                         | 1332P204MZ | 1332M204FZ                                                                          | 1332M204MZ |
| 205     |        | 1331E205FZ                                                                                                 | 1331E205MZ | 1331EV205FZ | 1331EV205MZ | 1331P205FZ                                                                         | 1331P205MZ | 1331M205FZ                                                                          | 1331M205MZ |
|         | 212    | 1332E212FZ                                                                                                 | 1332E212MZ | 1332EV212FZ | 1332EV212MZ | 1332P212FZ                                                                         | 1332P212MZ | 1332M212FZ                                                                          | 1332M212MZ |
| 295     |        | 1331E295FZ                                                                                                 | 1331E295MZ | 1331EV295FZ | 1331EV295MZ | 1331P295FZ                                                                         | 1331P295MZ | 1331M295FZ                                                                          | 1331M295MZ |
| 303     |        | 1331E303FZ                                                                                                 | 1331E303MZ |             |             | 1331P303FZ                                                                         | 1331P303MZ | 1331M303FZ                                                                          | 1331M303MZ |
|         | 319    | 1332E319FZ                                                                                                 | 1332E319MZ |             |             | 1332P319FZ                                                                         | 1332P319MZ | 1332M319FZ                                                                          | 1332M319MZ |
| 405     |        | 1331E405FZ                                                                                                 | 1331E405MZ |             |             | 1331P405FZ                                                                         | 1331P405MZ | 1331M405FZ                                                                          | 1331M405MZ |
|         | 426    | 1332E426FZ                                                                                                 | 1332E426MZ |             |             | 1332P426FZ                                                                         | 1332P426MZ | 1332M426FZ                                                                          | 1332M426MZ |
|         | 541    | 1332E541FZ                                                                                                 | 1332E541MZ |             |             | 1332P541FZ                                                                         | 1332P541MZ | 1332M541FZ                                                                          | 1332M541MZ |
| 605     |        | 1331E605FZ                                                                                                 | 1331E605MZ |             |             | 1331P605FZ                                                                         | 1331P605MZ | 1331M605FZ                                                                          | 1331M605MZ |
| 706     |        | 1331E706FZ                                                                                                 | 1331E706MZ |             |             | 1331P706FZ                                                                         | 1331P706MZ | 1331M706FZ                                                                          | 1331M706MZ |

#### Inserts

|                                                                  |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Insert Representation<br>Inserts Shown from the Plug Mating Side |  |  |  |  |  |  |
| Inserts Contacts Rating                                          | 003<br>3<br>500V/7.5A                                                               | 006<br>6<br>320V/5A                                                                 | 103<br>3<br>500V/10A                                                                | 103<br>2+PE<br>1000V/13A                                                             | 107<br>7<br>500V/7.5A                                                                 | 193<br>2+PE<br>800V/13A                                                               |
| Insert Representation<br>Inserts Shown from the Plug Mating Side |  |  |  |  |  |  |
| Inserts Contacts Rating                                          | 204<br>4<br>500V/25A                                                                | 205<br>4+PE<br>800V/13A                                                             | 212<br>12<br>500V/7.5A                                                              | 295<br>4+PE<br>800V/13A                                                              | 303<br>2+PE<br>1000V/40A                                                              | 319<br>19<br>500V/7.5A                                                                |
| Insert Representation<br>Inserts Shown from the Plug Mating Side |  |  |  |  |  |  |
| Inserts Contacts Rating                                          | 405<br>4+PE<br>1000V/13A                                                            | 426<br>26<br>500V/7.5A                                                              | 541<br>41<br>500V/7.5A                                                              | 605<br>2+PE x 100A/2 x 10A<br>1000V                                                  | 706<br>4+PE x 125A/1 x 10A<br>1000V                                                   |                                                                                       |

AirLB  
Current indicated as maximum/contact at 40°C. IP67 Rating dependant on Backshell  
The following Inserts are not compatible: Power 103 and Signal 103; Signal 103 and 193; 205 and 295

### ECTA 133 Metal Circular Push-Pull IP67 Connector System Accessories

| Backshell IP67                                                                                                                                                                        |              |       |                                                                                     | IP67 Backshell                                                                    |             |                                                                                       |              |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------|--------------|-------|
|                                                                                                      | Part Number  | Shell | Cable Ø (mm)                                                                        |  | Part Number | Shell                                                                                 | Cable Ø (mm) |       |
|                                                                                                                                                                                       | 1330 0 P2    | 0     | 4.5~6                                                                               |                                                                                   | 1330 1 P3   | 1                                                                                     | 9~12.5       |       |
|                                                                                                                                                                                       | 1330 1 P1    | 1     | 5~6.5                                                                               |                                                                                   | 1330 2 P3   | 2                                                                                     | 11.5~14.5    |       |
|                                                                                                                                                                                       | 1330 1 P2    | 1     | 6.5~9                                                                               |                                                                                   | 1330 3 P2   | 3                                                                                     | 12.5~15      |       |
|                                                                                                                                                                                       | 1330 2 P1    | 2     | 8~10                                                                                |                                                                                   | 1330 3 P3   | 3                                                                                     | 15~18        |       |
|                                                                                                                                                                                       | 1330 2 P2    | 2     | 10~13.5                                                                             |                                                                                   | 1330 4 P1   | 4                                                                                     | 15~18        |       |
|                                                                                                                                                                                       | 1330 3 P1    | 3     | 10.5~12.5                                                                           |                                                                                   | 1330 4 P2   | 4                                                                                     | 18~21        |       |
| Backshell IP67 with Braid Clamping and Cable Clamp                                                                                                                                    |              |       |                                                                                     | Backshell IP67 with Braid Clamping                                                |             |                                                                                       |              |       |
|                                                                                                      | Part Number  | Shell | Cable Ø (mm)                                                                        |  | Part Number | Shell                                                                                 | Cable Ø (mm) |       |
|                                                                                                                                                                                       | 1330 1 PES 1 | 1     | 5.5~9                                                                               |                                                                                   | 1330 0 PEM  | 0                                                                                     | 2.5~5        |       |
|                                                                                                                                                                                       | 1330 1 PES 2 | 1     | 9~12                                                                                |                                                                                   | 1330 1 PEM  | 1                                                                                     | 8~13         |       |
|                                                                                                                                                                                       | 1330 2 PES 1 | 2     | 5.5~9                                                                               |                                                                                   | 1330 2 PEM  | 2                                                                                     | 8~13         |       |
|                                                                                                                                                                                       | 1330 2 PES 2 | 2     | 9~12                                                                                |                                                                                   | 1330 3 PEM  | 3                                                                                     | 13~18        |       |
|                                                                                                                                                                                       | 1330 3 PES 1 | 3     | 10~18                                                                               |                                                                                   | 1330 4 PEM  | 4                                                                                     | 13~ 18       |       |
|                                                                                                                                                                                       | 1330 4 PES 1 | 4     | 10~ 18                                                                              |                                                                                   |             |                                                                                       |              |       |
| Adapter with Metric Thread                                                                                                                                                            |              |       |                                                                                     | Backshell IP30 with Cable Clamp                                                   |             |                                                                                       |              |       |
| <br><i>The PM Adapter is designed for use on any standard backshell with metric thread (to IP67)</i> | Part Number  | Shell | Thread                                                                              |  | Part Number | Shell                                                                                 | Cable Ø (mm) |       |
|                                                                                                                                                                                       | 1330 0 PM 12 | 0     | M12 x 1,5                                                                           |                                                                                   | 1330 1 DS 1 | 1                                                                                     | 2~6          |       |
|                                                                                                                                                                                       | 1330 1 PM 16 | 1     | M16 x 1,5                                                                           |                                                                                   | 1330 1 DS 2 | 1                                                                                     | 7~10         |       |
|                                                                                                                                                                                       | 1330 1 PM 20 | 1     | M20 x 1,5                                                                           |                                                                                   | 1330 1 DS 3 | 1                                                                                     | 10~13        |       |
|                                                                                                                                                                                       | 1330 2 PM 16 | 2     | M16 x 1,5                                                                           |                                                                                   | 1330 2 DS 2 | 2                                                                                     | 10.5~14      |       |
|                                                                                                                                                                                       | 1330 2 PM 20 | 2     | M20 x 1,5                                                                           |                                                                                   | 1330 2 DS 3 | 2                                                                                     | 14~17.5      |       |
|                                                                                                                                                                                       | 1330 3 PM 20 | 3     | M20 x 1,5                                                                           |                                                                                   | 1330 3 DS 1 | 3                                                                                     | 12.5~14.5    |       |
|                                                                                                                                                                                       | 1330 3 PM 25 | 3     | M25 x 1,5                                                                           |                                                                                   | 1330 3 DS 2 | 3                                                                                     | 14.5~18      |       |
|                                                                                                                                                                                       | 1330 4 PM 20 | 4     | M20 x 1,5                                                                           |                                                                                   | 1330 4 DS 0 | 4                                                                                     | 11.75~15.5   |       |
|                                                                                                                                                                                       | 1330 4 PM 25 | 4     | M25 x 1,5                                                                           |                                                                                   | 1330 4 DS 1 | 4                                                                                     | 15.5~18      |       |
|                                                                                                                                                                                       | 1330 5 PM 25 | 5     | M25 x 1,5                                                                           |                                                                                   | 1330 4 DS 2 | 4                                                                                     | 18~ 21.5     |       |
|                                                                                                                                                                                       | 1330 6 PM 32 | 6     | M32 x 1,5                                                                           | Also available: 90°Adapter for plug and cable-cable plug extension                |             |                                                                                       |              |       |
|                                                                                                                                                                                       | 1330 7 PM 50 | 7     | M50 x 1,5                                                                           |                                                                                   |             |                                                                                       |              |       |
| Metal Cap for All Receptacles (IP67)                                                                                                                                                  |              |       | Metal Cap for Plug (IP67)                                                           |                                                                                   |             | Flange Seal                                                                           |              |       |
|                                                                                                    | Part Number  | Shell |  | Part Number                                                                       | Shell       |  | Part Number  | Shell |
|                                                                                                                                                                                       | 1330 0 BE    | 0     |                                                                                     | 1330 0 BM                                                                         | 0           |                                                                                       | 1330 0 JE    | 0     |
|                                                                                                                                                                                       | 1330 1 BE    | 1     |                                                                                     | 1330 1 BM                                                                         | 1           |                                                                                       | 1330 1 JE    | 1     |
|                                                                                                                                                                                       | 1330 2 BE    | 2     |                                                                                     | 1330 2 BM                                                                         | 2           |                                                                                       | 1330 2 JE    | 2     |
|                                                                                                                                                                                       | 1330 3 BE    | 3     |                                                                                     | 1330 3 BM                                                                         | 3           |                                                                                       | 1330 3 JE    | 3     |
|                                                                                                                                                                                       | 1330 4 BE    | 4     |                                                                                     | 1330 4 BM                                                                         | 4           |                                                                                       | 1330 4 JE    | 4     |
|                                                                                                                                                                                       | 1330 5 BE    | 5     |                                                                                     | 1330 5 BM                                                                         | 5           |                                                                                       | 1330 5 JE    | 5     |
| Also available upon request, a single hole fixing bulkhead with pressure differentials up to 5 bars.<br>The technical characteristics are identical to those of standard connectors.  |              |       |                                                                                     |                                                                                   |             | 1330 6 JE                                                                             | 6            |       |
|                                                                                                                                                                                       |              |       |                                                                                     |                                                                                   |             | 1330 7 JE                                                                             | 7            |       |

Also available upon request, a single hole fixing bulkhead with pressure differentials up to 5 bars.  
The technical characteristics are identical to those of standard connectors.

### SOCAPEX™ SL61 19 Contact Lighting Connectors

Amphenol's SOCAPEX connector is accepted as a worldwide standard in the Lighting Industry

#### Materials

Body - Aluminium Alloy  
Inserts - Alkyde  
Contacts - Machined Gold Plated

#### Electrical

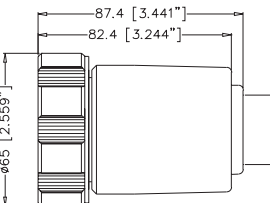
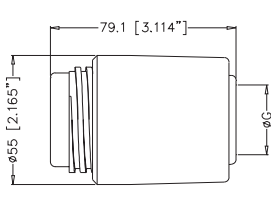
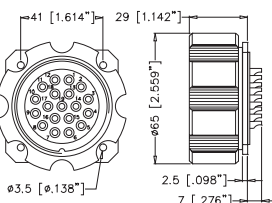
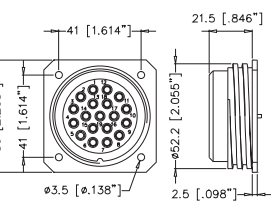
Working Voltage - 400V  
Current - 25A

#### Configuration

Number of Contacts - 19  
Coupling Nut - Threaded  
Backshell - Two Piece  
Cable Clamp - Adaptable  
Termination - Solder  
Temperature Range - -40°C ~ 85°C

#### Also Available

- Right Angle Versions
- Various Shell Sizes and Contacts
- Cap Accessories
- Crimp Versions
- Earth Protection
- Cadmium-Free Versions

| Part Number    | SLFMD419AR                                                                          | SLFFDR419AR                                                                         | SLEME419AR                                                                           | SLEF419AR                                                                             |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Description    | Cable Pin Plug                                                                      | In-Line Socket Receptacle                                                           | Panel Pin Plug                                                                       | Panel Socket Receptacle                                                               |
| Representation |  |  |  |  |
| Diagram        |  |  |  |  |

AIRLB/ASF-T