

Our Push-Pull Connectors are suitable for high-reliability and high-quality applications in medical, instrumentation, military, and communications, where a fast method to connect / disconnect is required. They are manufactured to prevent accidental disconnects with a simple but fast strong-locking mechanism.

Because of the locking mechanism, Push-Pull connectors also provide a clean, streamlined look on devices. They also offer space-saving benefits, as they only require two fingers to grip the shell to connect or disconnect, without twisting.



#### Key Features:

- Multiple contacts from 2 to 30
- Integrated latch for mating
- High packing density for space savings
- Shock Resistance: 100g, 6ms
- Resistance of Vibration: 10-2000Hz, 15g
- Keying system («G» key standard) of similar connectors for connector alignment – 360° screening for full EMC shielding.
- Security of the Push-Pull self-latching system
- Shielding Efficiency: >75db(10MHz) >40db(1GHz)
- Solder contacts
- Temp:-50°C to +200°C
- Cycle: >4500
- Multiple key options to avoid cross mating
- Humidity: up to 95% at 60 C
- Salt Spray Corrosion Test: >144h

Our X Series push-pull connectors are very secure, Push-Pull latching system with high-density panel spacing, 360-degree EMI shielding and quick mating and unmating.

It is designed for indoor or vacuum-tight applications, making it an ideal choice for General-purpose high-quality interconnects, Medical, Test & Measurement, Research, Communications, Audio-Video, Military, Aerospace, Industrial Control, Information Systems, Nuclear, Surveillance. Our Push-Pull connector X series includes the family size range of 00 to 3X which is a highly reliable range of quick mating connectors.



Key Features:

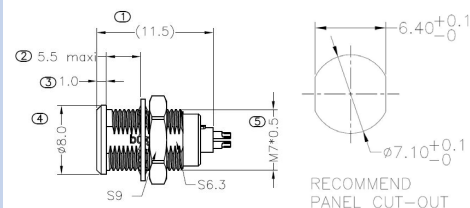
- Multiple contacts from 2 to 30
- Secure Push-Pull self-latching system
- Multiple key options to avoid mismatching
- Solder contacts
- High packing density for space savings on fixed sockets (panel mount connectors) and straight plug connectors
- >4500 cycles
- IP50 rated
- 360-degree screening for full EMI shielding
- ROHS compliant

#### 00 Series Fixed Socket



PPCEGG00

- ⬡ Available in 2, 3 & 4 contacts
- ⬡ Nut installation 1Nm
- ⬡ Max Panel Thickness 5.5mm
- ⬡ Temp: -50 C to +200 C
- ⬡ Solder Terminals
- ⬡ Durability >4500 cycles
- ⬡ Operating humidity up to 95%
- ⬡ Salt Spray Corrosion Test >144h
- ⬡ Available in Straight Plug version



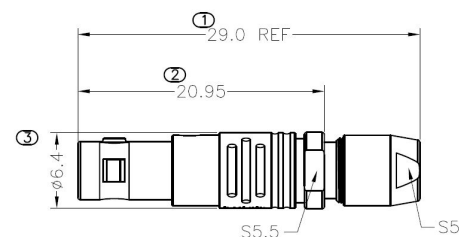
| Part Number   | Contact Number | Terminal Diameter | Test Voltage Pin-Pin | Test Voltage Pin-Shell | Rated Current | Wire Range Sizes (AWG) |
|---------------|----------------|-------------------|----------------------|------------------------|---------------|------------------------|
| PPCEGG0002CLL | 02             | 0.5mm             | 1000V                | 950V                   | 5A            | 30 max                 |
| PPCEGG0003CLL | 03             | 0.5mm             | 800V                 | 950V                   | 3A            | 30 max                 |
| PPCEGG0004CLL | 04             | 0.5mm             | 800V                 | 650V                   | 2A            | 30 max                 |

#### 00 Series Straight Plug



PPCFG00

- ⬡ Available in 2, 3 & 4 contacts
- ⬡ For cable size 2.7mm to 3.5mm
- ⬡ Temp: -50 C to +200 C
- ⬡ Solder Terminals
- ⬡ Durability >4500 cycles
- ⬡ Operating humidity up to 95%
- ⬡ Salt Spray Corrosion Test >144h
- ⬡ Available in Fixed Socket version



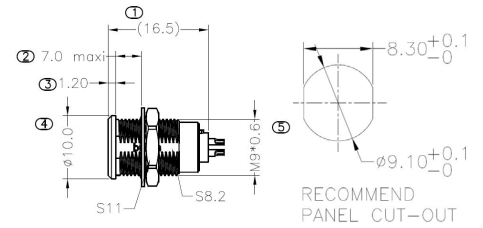
| Part Number   | Contact Number | Terminal Diameter | Test Voltage Pin-Pin | Test Voltage Pin-Shell | Rated Current | Cable OD (mm) | Wire Range Sizes (AWG) |
|---------------|----------------|-------------------|----------------------|------------------------|---------------|---------------|------------------------|
| PPCFG0002CLAD | 02             | 0.5mm             | 1000V                | 950V                   | 5A            | 2.7-3.5       | 30 max                 |
| PPCFG0003CLAD | 03             | 0.5mm             | 800V                 | 950V                   | 3A            | 2.7-3.5       | 30 max                 |
| PPCFG0004CLAD | 04             | 0.5mm             | 800V                 | 650V                   | 2A            | 2.7-3.5       | 30 max                 |

OX series Fixed Socket



PPCEGG0B

- Available in 2, 3, 4, 5, 6, 7 & 9 contacts
- Nut installation 2.5Nm
- Max Panel Thickness 7.0 mm
- Temp: -50 C to +200 C
- Solder Terminals
- Durability >4500 cycles
- Operating humidity up to 95%
- Salt Spray Corrosion Test >144h
- Available in Straight Plug version



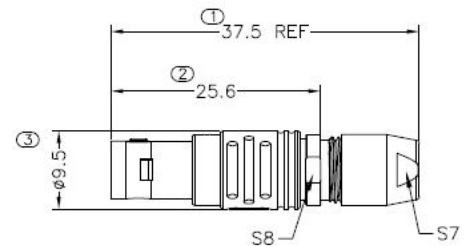
| Part Number   | Contact Number | Terminal Diameter | Test Voltage Pin-Pin | Test Voltage Pin-Shell | Rated Current | Wire Range Sizes (AWG) |
|---------------|----------------|-------------------|----------------------|------------------------|---------------|------------------------|
| PPCEGG0B02CLL | 02             | 0.9mm             | 1300V                | 1050V                  | 10A           | 22 max                 |
| PPCEGG0B03CLL | 03             | 0.9mm             | 1200V                | 900V                   | 8A            | 22 max                 |
| PPCEGG0B04CLL | 04             | 0.7mm             | 850V                 | 700V                   | 7A            | 22 max                 |
| PPCEGG0B05CLL | 05             | 0.7mm             | 1000V                | 700V                   | 6.5A          | 22 max                 |
| PPCEGG0B06CLL | 06             | 0.5mm             | 850V                 | 650V                   | 2.5A          | 28 max                 |
| PPCEGG0B07CLL | 07             | 0.5mm             | 800V                 | 700V                   | 5.5A          | 28 max                 |
| PPCEGG0B09CLL | 09             | 0.5mm             | 600V                 | 500V                   | 2A            | 28 max                 |

OX series Straight Plug



PPCFG0B

- Available in 2, 3, 4, 5, 6, 7 & 9 contacts
- For cable size 2.7mm to 3.5mm
- Temp: -50 C to +200 C
- Solder Terminals
- Durability >4500 cycles
- Operating humidity up to 95%
- Salt Spray Corrosion Test >144h
- Available in Fixed Socket



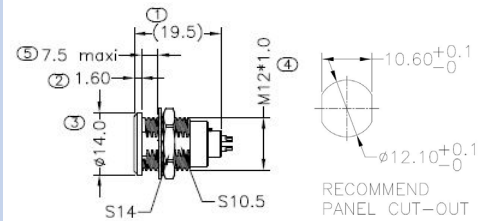
| Part Number   | Contact Number | Terminal Diameter | Test Voltage Pin-Pin | Test Voltage Pin-Shell | Rated Current | Cable OD (mm) | Wire Range Sizes (AWG) |
|---------------|----------------|-------------------|----------------------|------------------------|---------------|---------------|------------------------|
| PPCFG0B02CLAD | 02             | 0.9mm             | 1300V                | 1050V                  | 10A           | 4.3-5.0       | 22 max                 |
| PPCFG0B03CLAD | 03             | 0.9mm             | 1200V                | 900V                   | 8A            | 4.3-5.0       | 22 max                 |
| PPCFG0B04CLAD | 04             | 0.7mm             | 850V                 | 700V                   | 7A            | 4.3-5.0       | 22 max                 |
| PPCFG0B05CLAD | 05             | 0.7mm             | 1000V                | 700V                   | 6.5A          | 4.3-5.0       | 22 max                 |
| PPCFG0B06CLAD | 06             | 0.5mm             | 850V                 | 650V                   | 2.5A          | 4.3-5.0       | 28 max                 |
| PPCFG0B07CLAD | 07             | 0.5mm             | 800V                 | 700V                   | 2.5A          | 4.3-5.0       | 28 max                 |
| PPCFG0B09CLAD | 09             | 0.5mm             | 600V                 | 500V                   | 2A            | 5.2-5.6       | 28 max                 |

1X series Fixed Socket



PPCEGG1B

- ⬢ Available in 2, 3, 4, 5, 6, 7, 8, 10, 12, 14 & 16 contacts
- ⬢ Nut installation 4.5Nm
- ⬢ Max Panel Thickness 7.5mm
- ⬢ Temp: -50 C to +200 C
- ⬢ Solder Terminals
- ⬢ Durability >4500 cycles
- ⬢ Operating humidity up to 95%
- ⬢ Salt Spray Corrosion Test >144h
- ⬢ Available in Straight Plug version



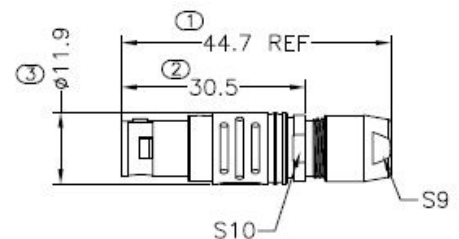
| Part Number   | Contact Number | Terminal Diameter | Test Voltage Pin-Pin | Test Voltage Pin-Shell | Rated Current | Wire Range Sizes (AWG) |
|---------------|----------------|-------------------|----------------------|------------------------|---------------|------------------------|
| PPCEGG1B02CLL | 02             | 1.3mm             | 1500V                | 1350V                  | 15A           | 20 max                 |
| PPCEGG1B03CLL | 03             | 1.3mm             | 1300V                | 1550V                  | 12A           | 20 max                 |
| PPCEGG1B04CLL | 04             | 0.9mm             | 1350V                | 1450V                  | 10A           | 22 max                 |
| PPCEGG1B05CLL | 05             | 0.9mm             | 1250V                | 1150V                  | 9A            | 22 max                 |
| PPCEGG1B06CLL | 06             | 0.7mm             | 1050V                | 1200V                  | 7A            | 22 max                 |
| PPCEGG1B07CLL | 07             | 0.7mm             | 9500V                | 1050V                  | 7A            | 22 max                 |
| PPCEGG1B08CLL | 08             | 0.7mm             | 9500V                | 1150V                  | 5A            | 22 max                 |
| PPCEGG1B10CLL | 10             | 0.5mm             | 900V                 | 1500V                  | 2.5A          | 28 max                 |
| PPCEGG1B12CLL | 12             | 0.5mm             | 800V                 | 1200V                  | 2A            | 28 max                 |
| PPCEGG1B14CLL | 14             | 0.5mm             | 800V                 | 1200V                  | 2A            | 28 max                 |
| PPCEGG1B16CLL | 16             | 0.5mm             | 800V                 | 950V                   | 1.5A          | 28 max                 |

1X series Straight Plug



PPCFGG1B

- ⬢ Available in 2, 3, 4, 5, 6, 7, 8, 10, 12, 14 & 16 contacts
- ⬢ Temp: -50 C to +200 C
- ⬢ Solder Terminals
- ⬢ Durability >4500 cycles
- ⬢ Operating humidity up to 95%
- ⬢ Salt Spray Corrosion Test >144h
- ⬢ Available in Fixed Socket



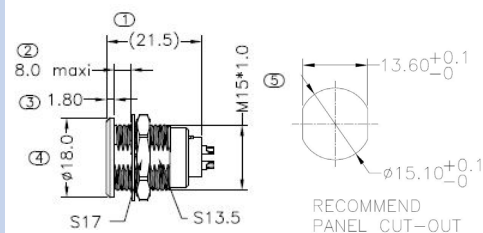
| Part Number    | Contact Number | Terminal Diameter | Test Voltage Pin-Pin | Test Voltage Pin-Shell | Rated Current | Cable OD (mm) | Wire Range Sizes (AWG) |
|----------------|----------------|-------------------|----------------------|------------------------|---------------|---------------|------------------------|
| PPCFGG1B02CLAD | 02             | 1.3mm             | 1500V                | 1300V                  | 15A           | 4.3-5.0       | 20 max                 |
| PPCFGG1B03CLAD | 03             | 1.3mm             | 1300V                | 1550V                  | 12A           | 4.3-5.0       | 20 max                 |
| PPCFGG1B04CLAD | 04             | 0.9mm             | 1300V                | 1450V                  | 10A           | 4.3-5.0       | 22 max                 |
| PPCFGG1B05CLAD | 05             | 0.9mm             | 1250V                | 1150V                  | 9A            | 4.3-5.0       | 22 max                 |
| PPCFGG1B06CLAD | 06             | 0.7mm             | 1050V                | 1200V                  | 7A            | 4.3-5.0       | 22 max                 |
| PPCFGG1B07CLAD | 07             | 0.7mm             | 950V                 | 1050V                  | 7A            | 5.3-6.0       | 22 max                 |
| PPCFGG1B08CLAD | 08             | 0.7mm             | 950V                 | 1150V                  | 5A            | 5.3-6.0       | 22 max                 |
| PPCFGG1B10CLAD | 10             | 0.5mm             | 900V                 | 1500V                  | 2.5A          | 5.3-6.0       | 28 max                 |
| PPCFGG1B12CLAD | 12             | 0.5mm             | 800V                 | 1200V                  | 2A            | 5.3-6.0       | 28 max                 |
| PPCFGG1B14CLAD | 14             | 0.5mm             | 800V                 | 1200V                  | 2A            | 6.3-7.0       | 28 max                 |
| PPCFGG1B16CLAD | 16             | 0.5mm             | 800V                 | 950V                   | 1.5A          | 6.3-7.0       | 28 max                 |

## 2X series Fixed Socket



PPCEGG2B

- ⊕ Available in 2, 3, 4, 5, 6, 7, 8, 10, 12, 14, 16, 18, 19 & 26 contacts
- ⊕ Nut installation 6Nm
- ⊕ Max Panel Thickness 8.0mm
- ⊕ Temp: -50 C to +200 C
- ⊕ Solder Terminals
- ⊕ Durability >4500 cycles
- ⊕ Operating humidity up to 95%
- ⊕ Salt Spray Corrosion Test >144h
- ⊕ Available in Straight Plug version



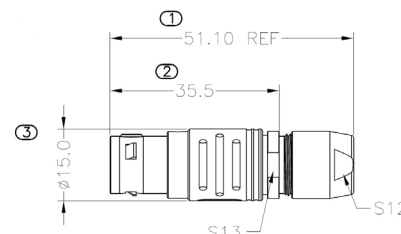
| Part Number   | Contact Number | Terminal Diameter | Test Voltage Pin-Pin | Test Voltage Pin-Shell | Rated Current | Wire Range Sizes (AWG) |
|---------------|----------------|-------------------|----------------------|------------------------|---------------|------------------------|
| PPCEGG2B02CLL | 02             | 2mm               | 2100V                | 1750V                  | 30A           | 16 max                 |
| PPCEGG2B03CLL | 03             | 1.6mm             | 2400V                | 1850V                  | 17A           | 16 max                 |
| PPCEGG2B04CLL | 04             | 1.3mm             | 1850V                | 1850V                  | 15A           | 20 max                 |
| PPCEGG2B05CLL | 05             | 1.3mm             | 1750V                | 1600V                  | 14A           | 20 max                 |
| PPCEGG2B06CLL | 06             | 1.3mm             | 1350V                | 1450V                  | 12A           | 20 max                 |
| PPCEGG2B07CLL | 07             | 1.3mm             | 1750V                | 1600V                  | 11A           | 20 max                 |
| PPCEGG2B08CLL | 08             | 0.9mm             | 1500V                | 1250V                  | 10A           | 22 max                 |
| PPCEGG2B10CLL | 10             | 0.9mm             | 1450V                | 1300V                  | 8A            | 22 max                 |
| PPCEGG2B12CLL | 12             | 0.7mm             | 1250V                | 1350V                  | 7A            | 22 max                 |
| PPCEGG2B14CLL | 14             | 0.7mm             | 1150V                | 1350V                  | 6.5A          | 22 max                 |
| PPCEGG2B16CLL | 16             | 0.7mm             | 950V                 | 1250V                  | 6A            | 22 max                 |
| PPCEGG2B18CLL | 18             | 0.7mm             | 850V                 | 1200V                  | 5.5A          | 22 max                 |
| PPCEGG2B19CLL | 19             | 0.7mm             | 950V                 | 4250V                  | 5A            | 22 max                 |
| PPCEGG2B26CLL | 26             | 0.5mm             | 950V                 | 1300V                  | 2A            | 28 max                 |

## 2X series Straight Plug



PPCFGG2B

- ⊕ Available in 2, 3, 4, 5, 6, 7, 8, 10, 12, 14, 16, 18, 19 & 26 contacts
- ⊕ Temp: -50 C to +200 C
- ⊕ Solder Terminals
- ⊕ Durability >4500 cycles
- ⊕ Operating humidity up to 95%
- ⊕ Salt Spray Corrosion Test >144h
- ⊕ Available in Fixed Socket



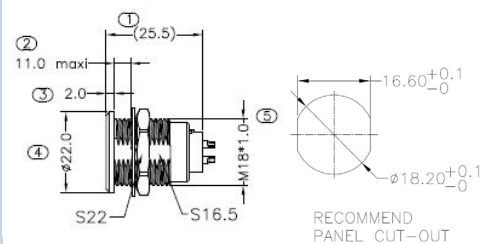
| Part Number    | Contact Number | Terminal Diameter | Test Voltage Pin-Pin | Test Voltage Pin-Shell | Rated Current | Cable OD (mm) | Wire Range Sizes (AWG) |
|----------------|----------------|-------------------|----------------------|------------------------|---------------|---------------|------------------------|
| PPCFGG2B02CLAD | 02             | 2mm               | 2100V                | 1750V                  | 30A           | 4.3-5.0       | 16 max                 |
| PPCFGG2B03CLAD | 03             | 1.6mm             | 2400V                | 1850V                  | 17A           | 4.3-5.0       | 16 max                 |
| PPCFGG2B04CLAD | 04             | 1.3mm             | 1850V                | 1850V                  | 15A           | 4.3-5.0       | 20 max                 |
| PPCFGG2B05CLAD | 05             | 1.3mm             | 1750V                | 1600V                  | 14A           | 4.3-5.0       | 20 max                 |
| PPCFGG2B06CLAD | 06             | 1.3mm             | 1350V                | 1450V                  | 12A           | 4.3-5.0       | 20 max                 |
| PPCFGG2B07CLAD | 07             | 1.3mm             | 1750V                | 1600V                  | 11A           | 4.3-5.0       | 20 max                 |
| PPCFGG2B08CLAD | 08             | 0.9mm             | 1500V                | 1250V                  | 10A           | 5.3-6.0       | 22 max                 |
| PPCFGG2B10CLAD | 10             | 0.9mm             | 1450V                | 1300V                  | 8A            | 5.3-6.0       | 22 max                 |
| PPCFGG2B12CLAD | 12             | 0.7mm             | 1250V                | 1350V                  | 7A            | 5.3-6.0       | 22 max                 |
| PPCFGG2B14CLAD | 14             | 0.7mm             | 1150V                | 1350V                  | 6.5A          | 6.3-7.0       | 22 max                 |
| PPCFGG2B16CLAD | 16             | 0.7mm             | 950V                 | 1250V                  | 6A            | 6.3-7.0       | 22 max                 |
| PPCFGG2B18CLAD | 18             | 0.7mm             | 950V                 | 1200V                  | 5.5A          | 7.3-8.0       | 22 max                 |
| PPCFGG2B19CLAD | 19             | 0.7mm             | 950V                 | 1250V                  | 5A            | 7.3-8.0       | 22 max                 |
| PPCFGG2B26CLAD | 26             | 0.5mm             | 950V                 | 1300V                  | 2A            | 8.3-9.0       | 28 max                 |

3X series Fixed Socket



PPCEGG3B

- ⬢ Available in 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20, 22, 24, 26 & 30 contacts
- ⬢ Nut installation 9Nm
- ⬢ Max Panel Thickness 11.0mm
- ⬢ Temp: -50 C to +200 C
- ⬢ Solder Terminals
- ⬢ Durability >4500 cycles
- ⬢ Operating humidity up to 95%
- ⬢ Salt Spray Corrosion Test >144h
- ⬢ Available in Straight Plug version



| Part Number   | Contact Number | Terminal Diameter | Test Voltage Pin-Pin | Test Voltage Pin-Shell | Rated Current | Wire Range Sizes (AWG) |
|---------------|----------------|-------------------|----------------------|------------------------|---------------|------------------------|
| PPCEGG3B02CLL | 02             | 3mm               | 2100V                | 1550V                  | 35A           | 12 max                 |
| PPCEGG3B03CLL | 03             | 2mm               | 1900V                | 1500V                  | 25A           | 14 max                 |
| PPCEGG3B04CLL | 04             | 2mm               | 1450V                | 1250V                  | 19A           | 14 max                 |
| PPCEGG3B05CLL | 05             | 1.6mm             | 1900V                | 1250V                  | 19A           | 16 max                 |
| PPCEGG3B06CLL | 06             | 1.6mm             | 1600V                | 1150V                  | 17A           | 16 max                 |
| PPCEGG3B07CLL | 07             | 1.6mm             | 1700V                | 1250V                  | 15A           | 16 max                 |
| PPCEGG3B08CLL | 08             | 1.3mm             | 1650V                | 1150V                  | 13A           | 20 max                 |
| PPCEGG3B09CLL | 09             | 1.3mm, 2.0mm      | 1350V, 1350V         | 1050V, 1050V           | 6A, 15A       | 20 max, 14 max         |
| PPCEGG3B10CLL | 10             | 1.3mm             | 1250V                | 900V                   | 12A           | 22 max                 |
| PPCEGG3B12CLL | 12             | 0.9mm             | 1450V                | 1000V                  | 9A            | 22 max                 |
| PPCEGG3B14CLL | 14             | 0.9mm             | 1200V                | 1200V                  | 9A            | 22 max                 |
| PPCEGG3B16CLL | 16             | 0.9mm             | 1200V                | 850V                   | 8A            | 22 max                 |
| PPCEGG3B18CLL | 18             | 0.9mm             | 1200V                | 1050V                  | 7A            | 22 max                 |
| PPCEGG3B20CLL | 20             | 0.7mm             | 1000V                | 900V                   | 6A            | 22 max                 |
| PPCEGG3B22CLL | 22             | 0.7mm             | 1000V                | 900V                   | 5.5A          | 22 max                 |
| PPCEGG3B24CLL | 24             | 0.7mm             | 950V                 | 800V                   | 4A            | 22 max                 |
| PPCEGG3B26CLL | 26             | 0.7mm             | 950V                 | 700V                   | 4A            | 22 max                 |
| PPCEGG3B30CLL | 30             | 0.7mm             | 800V                 | 700V                   | 3.5A          | 22 max                 |

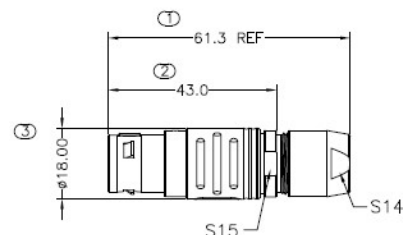


3X series Straight Plug



PPCFGG3B

- ⬡ Available in 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20, 22, 24, 26 & 30 contacts
- ⬡ Temp: -50 C to +200 C
- ⬡ Solder Terminals
- ⬡ Durability >4500 cycles
- ⬡ Operating humidity up to 95%
- ⬡ Salt Spray Corrosion Test >144h
- ⬡ Available in Fixed Socket



| Part Number    | Contact Number | Terminal Diameter | Test Voltage Pin-Pin | Test Voltage Pin-Shell | Rated Current | Cable OD (mm) | Wire Range Sizes (AWG) |
|----------------|----------------|-------------------|----------------------|------------------------|---------------|---------------|------------------------|
| PPCFGG3B02CLAD | 02             | 3mm               | 2100V                | 1550V                  | 35A           | 6.3-7.0       | 12 max                 |
| PPCFGG3B03CLAD | 03             | 2mm               | 1900V                | 1500V                  | 25A           | 6.3-7.0       | 14 max                 |
| PPCFGG3B04CLAD | 04             | 2mm               | 1450V                | 1250V                  | 19A           | 6.3-7.0       | 14 max                 |
| PPCFGG3B05CLAD | 05             | 1.6mm             | 1900V                | 1250V                  | 19A           | 6.3-7.0       | 16 max                 |
| PPCFGG3B06CLAD | 06             | 1.6mm             | 1600V                | 1150V                  | 17A           | 6.3-7.0       | 16 max                 |
| PPCFGG3B07CLAD | 07             | 1.6mm             | 1700V                | 1250V                  | 15A           | 6.3-7.0       | 16 max                 |
| PPCFGG3B08CLAD | 08             | 1.3mm             | 1650V                | 1150V                  | 13A           | 6.3-7.0       | 20 max                 |
| PPCFGG3B09CLAD | 09             | 1.3mm, 2mm        | 1350V, 1350V         | 1050V, 1050V           | 6A, 15A       | 6.3-7.0       | 20 max, 14 max         |
| PPCFGG3B10CLAD | 10             | 1.3mm             | 1250V                | 900V                   | 12A           | 6.3-7.0       | 20 max                 |
| PPCFGG3B12CLAD | 12             | 0.9mm             | 1450V                | 1000V                  | 9A            | 6.3-7.0       | 22 max                 |
| PPCFGG3B14CLAD | 14             | 0.9mm             | 1200V                | 1200V                  | 9A            | 7.3-8.0       | 22 max                 |
| PPCFGG3B16CLAD | 16             | 0.9mm             | 1200V                | 850V                   | 8A            | 7.3-8.0       | 22 max                 |
| PPCFGG3B18CLAD | 18             | 0.9mm             | 1200V                | 1050V                  | 7A            | 7.3-8.0       | 22 max                 |
| PPCFGG3B20CLAD | 20             | 0.7mm             | 1000V                | 900V                   | 6A            | 10.3-11.0     | 22 max                 |
| PPCFGG3B22CLAD | 22             | 0.7mm             | 1000V                | 900V                   | 5.5A          | 10.3-11.0     | 22 max                 |
| PPCFGG3B24CLAD | 24             | 0.7mm             | 950V                 | 800V                   | 4A            | 10.3-11.0     | 22 max                 |
| PPCFGG3B26CLAD | 26             | 0.7mm             | 950V                 | 700V                   | 4A            | 10.3-11.0     | 22 max                 |
| PPCFGG3B30CLAD | 30             | 0.7mm             | 800V                 | 700V                   | 3.5A          | 10.3-11.0     | 22 max                 |



#### Electrical:

|                                 |         |
|---------------------------------|---------|
| Shielding efficiency at 10 MHz: | > 95 dB |
| Shielding efficiency at 1 GHz:  | > 40 dB |

#### Mechanical:

|                           |                                  |
|---------------------------|----------------------------------|
| Mating Life:              | >4500 cycle                      |
| Salt Spray:               | >144 hours                       |
| Operating Temperature:    | -50°C to +250°C (-67°F to 482°F) |
| Protection Index (mated): | IP50                             |
| Humidity:                 | Up to 95% at 60°C                |
| Vibration:                | 10-2000 Hz, 15g                  |
| Shock:                    | 100g, 6ms                        |
| Contact Type:             | Solder                           |

#### Material:

|                   |                                                                                                                                                                                     |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Housing Material: | Brass chrome plated shell and nickel plated brass fixed ring (Fixed Socket Plug) brass chrome plated shell and collet nut, plated brass latch sleeve and mid pieces (Straight Plug) |
| Contact Plating:  | Phosphor bronze gold plated 3u" (Fixed Socket Plug), Brass gold plated 3u" (Straight Plug)                                                                                          |
| Insulator:        | PPS                                                                                                                                                                                 |
| RoHS:             | Compliant                                                                                                                                                                           |

#### Note:

For the fields of the table have two values, the first value is for all the contacts apart from the contact in the centre. The second value is only applicable for the contact in the centre.

Y series Push-Pull connectors offer a solution for outdoor applications. The Push-Pull latching mechanism provides a secure connection whilst the density of the contacts provides considerable panel space savings.

All models of this series are waterproof and watertight when mated to give a protection index of IP66 (in mated condition). The ruggedized design combined with precision manufacturing offers excellent durability, reliability and quality.



Key Features:

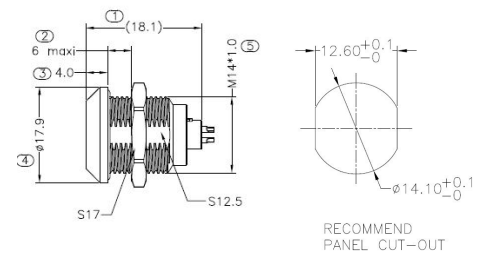
- Multiple contacts from 2 to 30
- IP66 rated
- 360-degree screening for full EMC shielding
- Keying system (G key standard) for connector alignment
- Multiple key features to avoid cross mating of similar connectors
- Rugged housing for extreme working conditions; watertight connection
- Solder contacts (Straight Plug and Fixed Socket)
- High packing density for space savings
- Security of the Push-Pull latching system
- >4500 cycles

#### OY Series Fixed Socket



PPCEGG0K

- ⬡ Available in 2, 3, 4, 5, 6, 7 & 9 contacts
- ⬡ Nut Installation torque 5.0Nm
- ⬡ Max Panel Thickness 6.0mm
- ⬡ Temp: -50 C to +200 C
- ⬡ Solder Terminals
- ⬡ Durability >4500 cycles
- ⬡ Operating humidity up to 95%
- ⬡ Salt Spray Corrosion Test >144h
- ⬡ Available in Straight Plug version



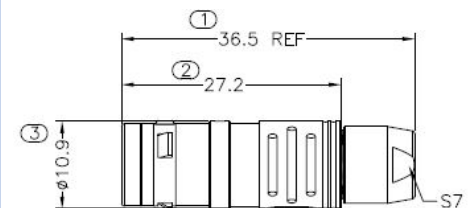
| Part Number   | Contact Number | Terminal Diameter | Test Voltage Pin-Pin | Test Voltage Pin-Shell | Rated Current | Wire Range Sizes (AWG) |
|---------------|----------------|-------------------|----------------------|------------------------|---------------|------------------------|
| PPCEGG0K02CLL | 02             | 0.9mm             | 1300V                | 1050V                  | 10A           | 22 max                 |
| PPCEGG0K03CLL | 03             | 0.9mm             | 1200V                | 900V                   | 8A            | 22 max                 |
| PPCEGG0K04CLL | 04             | 0.7mm             | 850V                 | 700V                   | 7A            | 22 max                 |
| PPCEGG0K05CLL | 05             | 0.7mm             | 1000V                | 700V                   | 6.5A          | 22 max                 |
| PPCEGG0K06CLL | 06             | 0.5mm             | 850V                 | 650V                   | 2.5A          | 28 max                 |
| PPCEGG0K07CLL | 07             | 0.5mm             | 800V                 | 700V                   | 2.5A          | 28 max                 |
| PPCEGG0K09CLL | 09             | 0.5mm             | 600V                 | 600V                   | 2A            | 28 max                 |

#### OY Series Straight Plug



PPCFGG0K

- ⬡ Available in 2, 3, 4, 5, 6, 7 & 9 contacts
- ⬡ Temp: -50 C to +200 C
- ⬡ Solder Terminals
- ⬡ Durability >4500 cycles
- ⬡ Operating humidity up to 95%
- ⬡ Salt Spray Corrosion Test >144h
- ⬡ Available in Fixed Socket version



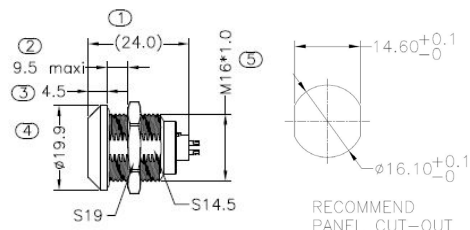
| Part Number    | Contact Number | Terminal Diameter | Test Voltage Pin-Pin | Test Voltage Pin-Shell | Rated Current | Cable OD (mm) | Wire Range Sizes (AWG) |
|----------------|----------------|-------------------|----------------------|------------------------|---------------|---------------|------------------------|
| PPCFGG0K02CLAD | 02             | 0.9mm             | 1300V                | 1050V                  | 10A           | 4.6-5.0       | 22 max                 |
| PPCFGG0K03CLAD | 03             | 0.9mm             | 1200V                | 900V                   | 8A            | 4.6-5.0       | 22 max                 |
| PPCFGG0K04CLAD | 04             | 0.7mm             | 850V                 | 700V                   | 7A            | 4.6-5.0       | 22 max                 |
| PPCFGG0K05CLAD | 05             | 0.7mm             | 1000V                | 700V                   | 6.5A          | 4.6-5.0       | 22 max                 |
| PPCFGG0K06CLAD | 06             | 0.5mm             | 850V                 | 650V                   | 2.5A          | 4.6-5.0       | 28 max                 |
| PPCFGG0K07CLAD | 07             | 0.5mm             | 800V                 | 700V                   | 2.5A          | 4.6-5.0       | 28 max                 |
| PPCFGG0K09CLAD | 09             | 0.5mm             | 600V                 | 500V                   | 2A            | 4.6-5.0       | 28 max                 |

#### 1Y Series Fixed Socket



PPCEGG1K

- ⬡ Available in 2, 3, 4, 5, 6, 7, 8, 10, 12, 14 & 16 contacts
- ⬡ Nut Installation torque 7.0Nm
- ⬡ Max Panel Thickness 9.5mm
- ⬡ Temp: -50 C to +200 C
- ⬡ Solder Terminals
- ⬡ Durability >4500 cycles
- ⬡ Operating humidity up to 95%
- ⬡ Salt Spray Corrosion Test >144h
- ⬡ Available in Straight Plug version



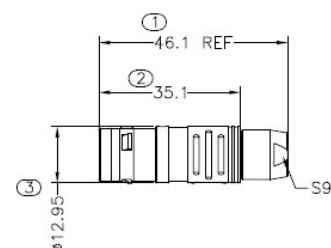
| Part Number   | Contact Number | Terminal Diameter | Test Voltage Pin-Pin | Test Voltage Pin-Shell | Rated Current | Wire Range Sizes (AWG) |
|---------------|----------------|-------------------|----------------------|------------------------|---------------|------------------------|
| PPCEGG1K02CLL | 02             | 1.3mm             | 1500V                | 1350V                  | 15A           | 20 max                 |
| PPCEGG1K03CLL | 03             | 1.3mm             | 1300V                | 1550V                  | 12A           | 20 max                 |
| PPCEGG1K04CLL | 04             | 0.9mm             | 1350V                | 1450V                  | 10A           | 22 max                 |
| PPCEGG1K05CLL | 05             | 0.9mm             | 1250V                | 1150V                  | 9A            | 22 max                 |
| PPCEGG1K06CLL | 06             | 0.7mm             | 1050V                | 1200V                  | 7A            | 22 max                 |
| PPCEGG1K07CLL | 07             | 0.7mm             | 950V                 | 1050V                  | 7A            | 22 max                 |
| PPCEGG1K08CLL | 08             | 0.7mm             | 950V                 | 1150V                  | 5A            | 22 max                 |
| PPCEGG1K10CLL | 10             | 0.5mm             | 900V                 | 1500V                  | 2.5A          | 28 max                 |
| PPCEGG1K12CLL | 12             | 0.5mm             | 800V                 | 1200V                  | 2A            | 28 max                 |
| PPCEGG1K14CLL | 14             | 0.5mm             | 800V                 | 1200V                  | 2A            | 28 max                 |
| PPCEGG1K16CLL | 16             | 0.5mm             | 800V                 | 950V                   | 1.5A          | 28 max                 |

#### 1Y Series Straight Plug



PPCFGG1K

- ⬡ Available in 2, 3, 4, 5, 6, 7, 8, 10, 12, 14 & 16 contacts
- ⬡ Temp: -50 C to +200 C
- ⬡ Solder Terminals
- ⬡ Durability >4500 cycles
- ⬡ Operating humidity up to 95%
- ⬡ Salt Spray Corrosion Test >144h
- ⬡ Available in Fixed Socket version



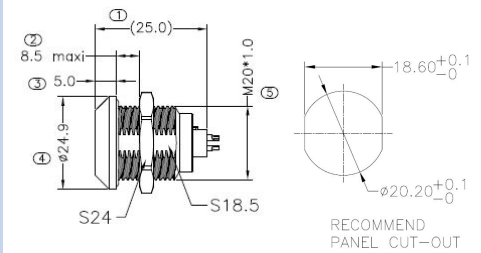
| Part Number    | Contact Number | Terminal Diameter | Test Voltage Pin-Pin | Test Voltage Pin-Shell | Rated Current | Cable OD (mm) | Wire Range Sizes (AWG) |
|----------------|----------------|-------------------|----------------------|------------------------|---------------|---------------|------------------------|
| PPCFGG1K02CLAD | 02             | 0.9mm             | 1300V                | 1050V                  | 10A           | 4.6-5.0       | 20 max                 |
| PPCFGG1K03CLAD | 03             | 0.9mm             | 1200V                | 900V                   | 8A            | 4.6-5.0       | 20 max                 |
| PPCFGG1K04CLAD | 04             | 0.7mm             | 850V                 | 700V                   | 7A            | 4.6-5.0       | 22 max                 |
| PPCFGG1K05CLAD | 05             | 0.7mm             | 1000V                | 700V                   | 6.5A          | 4.6-5.0       | 22 max                 |
| PPCFGG1K06CLAD | 06             | 0.5mm             | 850V                 | 650V                   | 2.5A          | 4.6-5.0       | 22 max                 |
| PPCFGG1K07CLAD | 07             | 0.5mm             | 800V                 | 700V                   | 2.5A          | 5.6-6.0       | 22 max                 |
| PPCFGG1K08CLAD | 09             | 0.5mm             | 600V                 | 500V                   | 2A            | 5.6-6.0       | 22 max                 |
| PPCEGG1K10CLL  | 10             | 0.5mm             | 900V                 | 1500V                  | 2.5A          | 5.6-6.0       | 28 max                 |
| PPCEGG1K12CLL  | 12             | 0.5mm             | 800V                 | 1200V                  | 2A            | 5.6-6.0       | 28 max                 |
| PPCEGG1K14CLL  | 14             | 0.5mm             | 800V                 | 1200V                  | 2A            | 6.6-7.0       | 28 max                 |
| PPCEGG1K16CLL  | 16             | 0.5mm             | 800V                 | 950V                   | 1.5A          | 6.6-7.0       | 28 max                 |

#### 2Y Series Fixed Socket



PPCEGG2K

- ⬢ Available in 2, 3, 4, 5, 6, 7, 8, 10, 12, 14, 16, 18, 19 & 26 contacts
- ⬢ Nut Installation torque 9.0Nm
- ⬢ Max Panel Thickness 8.5mm
- ⬢ Temp: -50 C to +200 C
- ⬢ Solder Terminals
- ⬢ Durability >4500 cycles
- ⬢ Operating humidity up to 95%
- ⬢ Salt Spray Corrosion Test >144h
- ⬢ Available in Straight Plug version



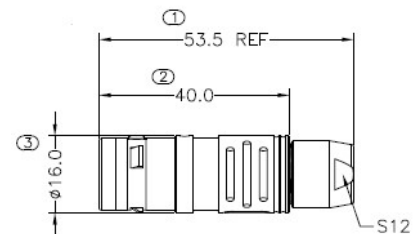
| Part Number   | Contact Number | Terminal Diameter | Test Voltage Pin-Pin | Test Voltage Pin-Shell | Rated Current | Wire Range Sizes (AWG) |
|---------------|----------------|-------------------|----------------------|------------------------|---------------|------------------------|
| PPCEGG2K02CLL | 02             | 2mm               | 2100V                | 1750V                  | 30A           | 16 max                 |
| PPCEGG2K03CLL | 03             | 1.6mm             | 2400V                | 1850V                  | 17A           | 16 max                 |
| PPCEGG2K04CLL | 04             | 1.3mm             | 1850V                | 1850V                  | 15A           | 20 max                 |
| PPCEGG2K05CLL | 05             | 1.3mm             | 1750V                | 1600V                  | 14A           | 20 max                 |
| PPCEGG2K06CLL | 06             | 1.3mm             | 1350V                | 1450V                  | 12A           | 20 max                 |
| PPCEGG2K07CLL | 07             | 1.3mm             | 1750V                | 1600V                  | 11A           | 20 max                 |
| PPCEGG2K08CLL | 08             | 0.9mm             | 1500V                | 1250V                  | 10A           | 22 max                 |
| PPCEGG2K10CLL | 10             | 0.9mm             | 1450V                | 1300V                  | 8A            | 22 max                 |
| PPCEGG2K12CLL | 12             | 0.7mm             | 1250V                | 1350V                  | 7A            | 22 max                 |
| PPCEGG2K14CLL | 14             | 0.7mm             | 1150V                | 1350V                  | 6.5A          | 22 max                 |
| PPCEGG2K16CLL | 16             | 0.7mm             | 950V                 | 1250V                  | 6A            | 22 max                 |
| PPCEGG2K18CLL | 18             | 0.7mm             | 850V                 | 1200V                  | 5.5A          | 22 max                 |
| PPCEGG2K19CLL | 19             | 0.7mm             | 950V                 | 1250V                  | 5A            | 22 max                 |
| PPCEGG2K26CLL | 26             | 0.5mm             | 950V                 | 1250V                  | 2A            | 28 max                 |

#### 2Y Series Straight Plug



PPCFGG2K

- ⬢ Available in 2, 3, 4, 5, 6, 7, 8, 10, 12, 14, 16, 18, 19 & 26 contacts
- ⬢ Temp: -50 C to +200 C
- ⬢ Solder Terminals
- ⬢ Durability >4500 cycles
- ⬢ Operating humidity up to 95%
- ⬢ Salt Spray Corrosion Test >144h
- ⬢ Available in Fixed Socket version



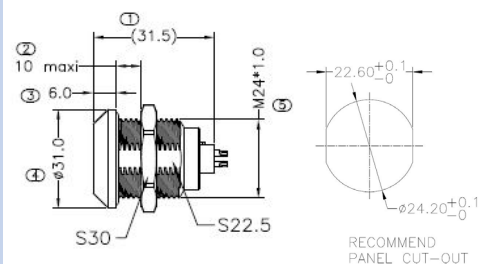
| Part Number    | Contact Number | Terminal Diameter | Test Voltage Pin-Pin | Test Voltage Pin-Shell | Rated Current | Cable OD (mm) | Wire Range Sizes (AWG) |
|----------------|----------------|-------------------|----------------------|------------------------|---------------|---------------|------------------------|
| PPCFGG2K02CLAD | 02             | 2mm               | 2100V                | 1750V                  | 30A           | 4.6-5.0       | 16 max                 |
| PPCFGG2K03CLAD | 03             | 1.6mm             | 2400V                | 1850V                  | 17A           | 4.6-5.0       | 16 max                 |
| PPCFGG2K04CLAD | 04             | 1.3mm             | 1850V                | 1850V                  | 15A           | 4.6-5.0       | 20 max                 |
| PPCFGG2K05CLAD | 05             | 1.3mm             | 1750V                | 1600V                  | 14A           | 4.6-5.0       | 20 max                 |
| PPCFGG2K06CLAD | 06             | 1.3mm             | 1350V                | 1450V                  | 12A           | 4.6-5.0       | 20 max                 |
| PPCFGG2K07CLAD | 07             | 1.3mm             | 1750V                | 1600V                  | 11A           | 4.6-5.0       | 20 max                 |
| PPCFGG2K08CLAD | 08             | 0.9mm             | 1500V                | 1250V                  | 10A           | 5.6-6.0       | 22 max                 |
| PPCFGG2K10CLAD | 10             | 0.7mm             | 1450V                | 1300V                  | 8A            | 5.6-6.0       | 22 max                 |
| PPCFGG2K12CLAD | 12             | 0.7mm             | 1250V                | 1350V                  | 7A            | 5.6-6.0       | 22 max                 |
| PPCFGG2K14CLAD | 14             | 0.7mm             | 1150V                | 1350V                  | 6.5A          | 6.6-7.0       | 22 max                 |
| PPCFGG2K16CLAD | 16             | 0.7mm             | 950V                 | 1250V                  | 6A            | 6.6-7.0       | 22 max                 |
| PPCFGG2K18CLAD | 18             | 0.7mm             | 950V                 | 1200V                  | 5.5A          | 7.6-8.0       | 22 max                 |
| PPCFGG2K19CLAD | 19             | 0.7mm             | 950V                 | 1250V                  | 5A            | 7.6-8.0       | 22 max                 |
| PPCFGG2K26CLAD | 26             | 0.5mm             | 950V                 | 1300V                  | 2A            | 8.6-9.0       | 28 max                 |

3Y Series Fixed Socket



PPCEGG3K

- ⬢ Available in 2, 3, 4, 5, 6, 7, 8, 10, 12, 14, 16, 18, 19, 20, 22, 24, 26 & 30 contacts
- ⬢ Nut Installation torque 12Nm
- ⬢ Max Panel Thickness 10.0mm
- ⬢ Temp: -50 C to +200 C
- ⬢ Solder Terminals
- ⬢ Durability >4500 cycles
- ⬢ Operating humidity up to 95%
- ⬢ Salt Spray Corrosion Test >144h
- ⬢ Available in Straight Plug version



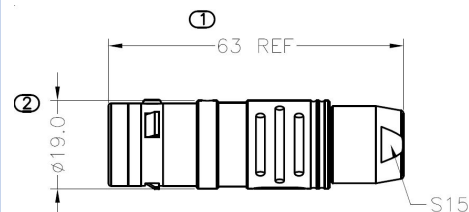
| Part Number   | Contact Number | Terminal Diameter | Test Voltage Pin-Pin | Test Voltage Pin-Shell | Rated Current | Wire Range Sizes (AWG) |
|---------------|----------------|-------------------|----------------------|------------------------|---------------|------------------------|
| PPCEGG3K02CLL | 02             | 3mm               | 2100V                | 1550V                  | 35A           | 12 max                 |
| PPCEGG3K03CLL | 03             | 2mm               | 1900V                | 1500V                  | 25A           | 14 max                 |
| PPCEGG3K04CLL | 04             | 2mm               | 1450V                | 1250V                  | 19A           | 14 max                 |
| PPCEGG3K05CLL | 05             | 1.6mm             | 1900V                | 1250V                  | 19A           | 16 max                 |
| PPCEGG3K06CLL | 06             | 1.6mm             | 1600V                | 1150V                  | 17A           | 16 max                 |
| PPCEGG3K07CLL | 07             | 1.6mm             | 1700V                | 1250V                  | 15A           | 16 max                 |
| PPCEGG3K08CLL | 08             | 1.3mm             | 1650V                | 1150V                  | 13A           | 20 max                 |
| PPCEGG3K09CLL | 09             | 1.3mm, 2.0mm      | 1350V                | 1050V                  | 6.0A, 15.0A   | 20 max, 14 max         |
| PPCEGG3K10CLL | 10             | 1.3mm             | 1250V                | 900V                   | 12A           | 20 max                 |
| PPCEGG3K12CLL | 12             | 0.9mm             | 1450V                | 1000V                  | 9A            | 22 max                 |
| PPCEGG3K14CLL | 14             | 0.9mm             | 1200V                | 1200V                  | 9A            | 22 max                 |
| PPCEGG3K16CLL | 16             | 0.9mm             | 1200V                | 850V                   | 8A            | 22 max                 |
| PPCEGG3K18CLL | 18             | 0.9mm             | 1200V                | 1050V                  | 7A            | 22 max                 |
| PPCEGG3K20CLL | 20             | 0.7mm             | 1000V                | 900V                   | 6A            | 22 max                 |
| PPCEGG3K22CLL | 22             | 0.7mm             | 1000V                | 900V                   | 5.5A          | 22 max                 |
| PPCEGG3K24CLL | 24             | 0.7mm             | 950V                 | 800V                   | 4A            | 22 max                 |
| PPCEGG3K26CLL | 26             | 0.7mm             | 950V                 | 700V                   | 4A            | 22 max                 |
| PPCEGG3K30CLL | 30             | 0.7mm             | 800V                 | 700V                   | 3.5A          | 22 max                 |

3Y Series Straight Plug



PPCFGG3K

- ⬡ Available in 2, 3, 4, 5, 6, 7, 8, 10, 12, 14, 16, 18, 19, 20, 22, 24, 26 & 30 contacts
- ⬡ Temp: -50 C to +200 C
- ⬡ Solder Terminals
- ⬡ Durability >4500 cycles
- ⬡ Operating humidity up to 95%
- ⬡ Salt Spray Corrosion Test >144h
- ⬡ Available in Fixed Socket version



| Part Number    | Contact Number | Terminal Diameter | Test Voltage Pin-Pin | Test Voltage Pin-Shell | Rated Current | Cable OD (mm) | Wire Range Sizes (AWG) |
|----------------|----------------|-------------------|----------------------|------------------------|---------------|---------------|------------------------|
| PPCFGG3K02CLAD | 02             | 3mm               | 2100V                | 1550V                  | 35A           | 6.6-7.0       | 12 max                 |
| PPCFGG3K03CLAD | 03             | 2mm               | 1900V                | 1500V                  | 25A           | 6.6-7.0       | 12 max                 |
| PPCFGG3K04CLAD | 04             | 2mm               | 1450V                | 1250V                  | 19A           | 6.6-7.0       | 14 max                 |
| PPCFGG3K05CLAD | 05             | 1.6mm             | 1900V                | 1250V                  | 19A           | 6.6-7.0       | 14 max                 |
| PPCFGG3K06CLAD | 06             | 1.6mm             | 1600V                | 1150V                  | 17A           | 6.6-7.0       | 16 max                 |
| PPCFGG3K07CLAD | 07             | 1.6mm             | 1700V                | 1250V                  | 15A           | 6.6-7.0       | 16 max                 |
| PPCFGG3K08CLAD | 08             | 1.3mm             | 1650V                | 1150V                  | 13A           | 6.6-7.0       | 20 max                 |
| PPCFGG3K09CLAD | 09             | 1.3mm, 2.0mm      | 1350V, 1350V         | 1050V, 1050V           | 6A, 15A       | 6.6-7.0       | 20 max, 14 max         |
| PPCFGG3K10CLAD | 10             | 1.3mm             | 1250V                | 900V                   | 12A           | 6.6-7.0       | 20 max                 |
| PPCFGG3K12CLAD | 12             | 0.9mm             | 1450V                | 1000V                  | 9A            | 6.6-7.0       | 22 max                 |
| PPCFGG3K14CLAD | 14             | 0.9mm             | 1200V                | 1200V                  | 9A            | 7.6-8.0       | 22 max                 |
| PPCFGG3K16CLAD | 16             | 0.9mm             | 1200V                | 850V                   | 8A            | 7.6-8.0       | 22 max                 |
| PPCFGG3K18CLAD | 18             | 0.9mm             | 1200V                | 1050V                  | 7A            | 7.6-8.0       | 22 max                 |
| PPCFGG3K20CLAD | 20             | 0.7mm             | 1000V                | 900V                   | 6A            | 10.6-11.0     | 22 max                 |
| PPCFGG3K22CLAD | 22             | 0.7mm             | 1000V                | 900V                   | 5.5A          | 10.6-11.0     | 22 max                 |
| PPCFGG3K24CLAD | 24             | 0.7mm             | 950V                 | 800V                   | 4A            | 10.6-11.0     | 22 max                 |
| PPCFGG3K26CLAD | 26             | 0.7mm             | 950V                 | 700V                   | 4A            | 10.6-11.0     | 22 max                 |
| PPCFGG3K30CLAD | 30             | 0.7mm             | 950V                 | 700V                   | 3.5A          | 10.6-11.0     | 22 max                 |



#### Electrical:

|                                 |         |
|---------------------------------|---------|
| Shielding efficiency at 10 MHz: | > 95 dB |
| Shielding efficiency at 1 GHz:  | > 80 dB |

#### Mechanical:

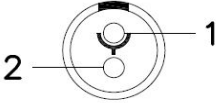
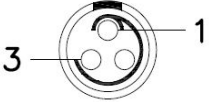
|                            |                    |
|----------------------------|--------------------|
| Endurance:                 | > 4500 cycles      |
| Humidity:                  | up to 95% at 60° C |
| Temperature range:         | -50° C, +200° C    |
| Resistance to vibrations:  | 10-2000 Hz, 15 g   |
| Shock resistance:          | 100 g, 6 ms        |
| Salt spray corrosion test: | > 144h             |
| Protection index (mated):  | IP 66              |
| Contact type:              | Solder             |

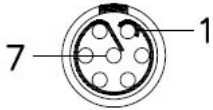
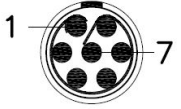
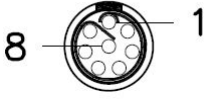
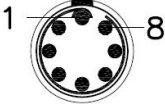
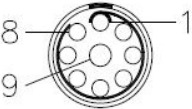
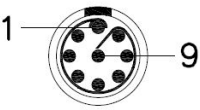
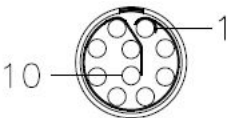
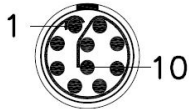
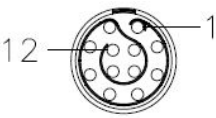
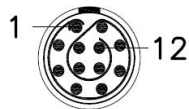
#### Material:

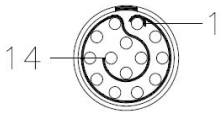
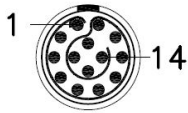
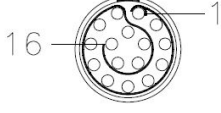
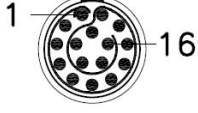
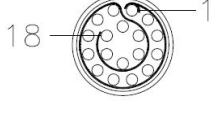
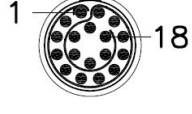
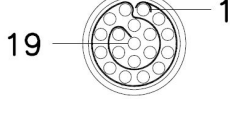
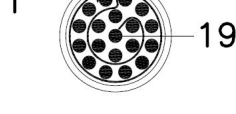
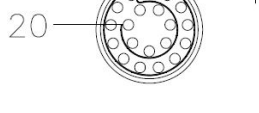
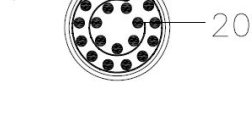
|                   |                                                                                                                                                                                     |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Housing Material: | Brass chrome plated shell and nickel plated brass fixed ring (Fixed Socket Plug) brass chrome plated shell and collet nut, plated brass latch sleeve and mid pieces (Straight Plug) |
| Contact Plating:  | Phosphor bronze gold plated 3u" (Fixed Socket Plug), Brass gold plated 3u" (Straight Plug)                                                                                          |
| Insulator:        | PPS                                                                                                                                                                                 |
| RoHS:             | Compliant                                                                                                                                                                           |

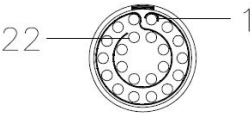
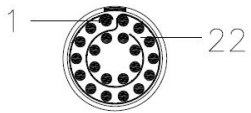
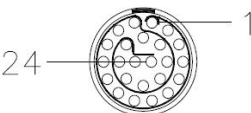
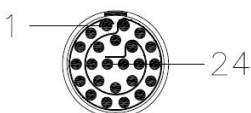
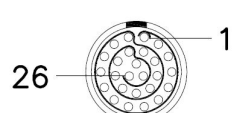
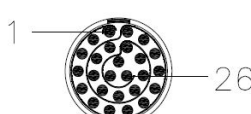
#### Note:

For the fields of the table have two values, the first value is for all the contacts apart from the contact in the centre. The second value is only applicable for the contact in the centre.

| Contact Number: | Fixed Socket / Straight Plug: | Pin Number (Solder):                                                                |
|-----------------|-------------------------------|-------------------------------------------------------------------------------------|
| 02              | F                             |    |
| 02              | S                             |    |
| 03              | F                             |    |
| 03              | S                             |    |
| 04              | F                             |   |
| 04              | S                             |  |
| 05              | F                             |  |
| 05              | S                             |  |
| 06              | F                             |  |
| 06              | S                             |  |

| Contact Number: | Fixed Socket / Straight Plug: | Pin Number (Solder):                                                                |
|-----------------|-------------------------------|-------------------------------------------------------------------------------------|
| 07              | F                             |    |
| 07              | S                             |    |
| 08              | F                             |    |
| 08              | S                             |    |
| 09              | F                             |   |
| 09              | S                             |  |
| 10              | F                             |  |
| 10              | S                             |  |
| 12              | F                             |  |
| 12              | S                             |  |

| Contact Number: | Fixed Socket / Straight Plug: | Pin Number (Solder):                                                                |
|-----------------|-------------------------------|-------------------------------------------------------------------------------------|
| 14              | F                             |    |
| 14              | S                             |    |
| 16              | F                             |    |
| 16              | S                             |    |
| 18              | F                             |   |
| 18              | S                             |  |
| 19              | F                             |  |
| 19              | S                             |  |
| 20              | F                             |  |
| 20              | S                             |  |

| Contact Number: | Fixed Socket / Straight Plug: | Pin Number (Solder):                                                                |
|-----------------|-------------------------------|-------------------------------------------------------------------------------------|
| 22              | F                             |    |
| 22              | S                             |    |
| 24              | F                             |    |
| 24              | S                             |    |
| 26              | F                             |   |
| 26              | S                             |  |
| 30              | F                             |  |
| 30              | S                             |  |