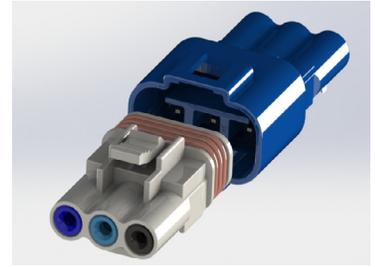


Features:

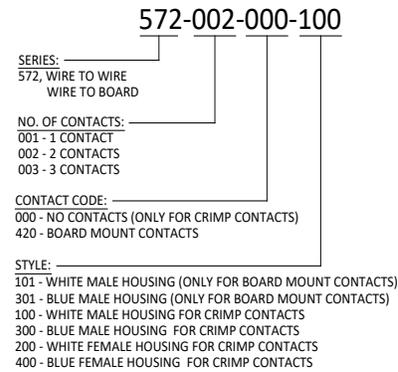
- 5.8mm pitch, rated current: 10A max
- Fully waterproof with double latch solution
- Available in wire to wire and wire to board options
- Available in 1, 2, or 3 positions
- True crimp and poke solution
- Internal polarization to prevent mismatching
- Available with wire already installed
- Wide range of wire sizes available
- Waterproof Grade: IP67 Certified



Specifications:

| | |
|-----------------------|--------------------------------|
| No. of Positions | 1, 2, 3 |
| Pitch | 5.8 mm |
| Rated Voltage | 300 V |
| Rated Current | 10 amps maximum |
| Withstanding Voltage | 1700 V AC (rms) |
| Contact Resistance | 10 milliohms maximum |
| Insulation Resistance | 1000 megaohms minimum/DC 500 V |
| Operating Temperature | -40°C to +105°C |
| PCB Thickness | 1.6 mm |

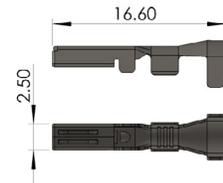
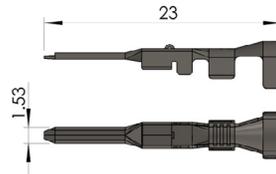
Ordering Code:



Crimp Contact:

| Male Contact (Pin) | | | |
|------------------------|-------|-----------|----------|
| Part No (Material) | AWG# | Ins. Dia. | Pcs/Reel |
| 570-290-751 (Brass) | 14 | Max. Ø3.1 | 4,000 |
| 570-291-731 (Ph. Brz.) | 20-16 | Max. Ø3.1 | 4,000 |
| 570-290-731 (Brass) | 20-16 | Max. Ø3.1 | 4,000 |
| 570-290-711 (Brass) | 22-20 | Max. Ø2.7 | 4,000 |

| Female Contact (Socket) | | | |
|-------------------------|-------|-----------|----------|
| Part No (Material) | AWG# | Ins. Dia. | Pcs/Reel |
| 570-290-761 (Brass) | 14 | Max. Ø3.1 | 4,000 |
| 570-291-741 (Ph. Brz.) | 20-16 | Max. Ø3.1 | 4,000 |
| 570-290-741 (Brass) | 20-16 | Max. Ø3.1 | 4,000 |
| 570-291-721 (Ph. Brz.) | 22-20 | Max. Ø2.7 | 4,000 |
| 570-290-721 (Brass) | 22-20 | Max. Ø2.7 | 4,000 |



Materials:

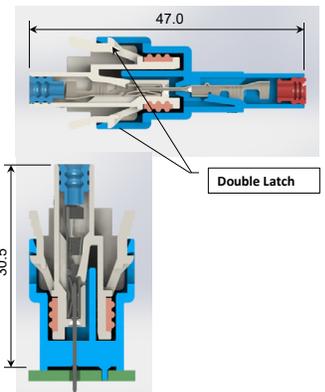
| | | |
|----------------------|---------|--------------------------|
| Crimp & Poke | Housing | PBT, UL 94V-0 |
| | Contact | Ph. Brz. or Brass |
| PCB Header | Housing | PBT with Glass, UL 94V-0 |
| | Contact | Brass |
| Contact Plating | | Tin Plating |
| Wire & Housing Seals | | Silicone Rubber |

Wire Seal:

| Part No. | Wire O.D. | Color | AWG# | Ø Dia. | Height |
|-------------|-----------|------------|-------|--------|--------|
| 570-260-001 | Ø1.7~Ø2.1 | Black | 22 | Ø 5.0 | 6.0 |
| 570-260-002 | Ø2.1~Ø2.7 | Light Blue | 22-20 | Ø 5.0 | 6.0 |
| 570-260-003 | Ø2.1~Ø2.7 | Blue | 22-20 | Ø 5.0 | 6.7 |
| 570-260-004 | Ø2.7~Ø3.1 | Brown | 20-14 | Ø 4.9 | 5.0 |

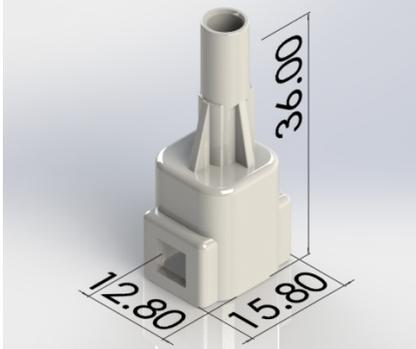


Assembly Layout:

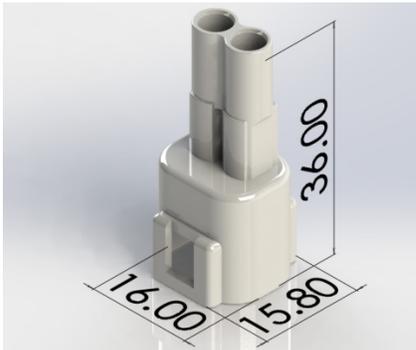


Male Housing:

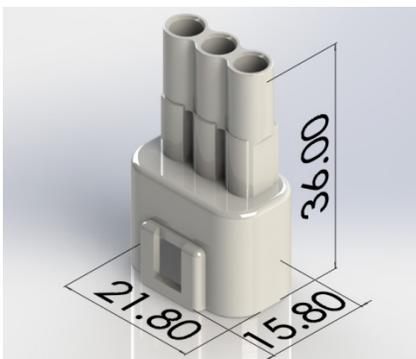
572-002-000-XXX



572-003-000-XXX



572-005-000-XXX

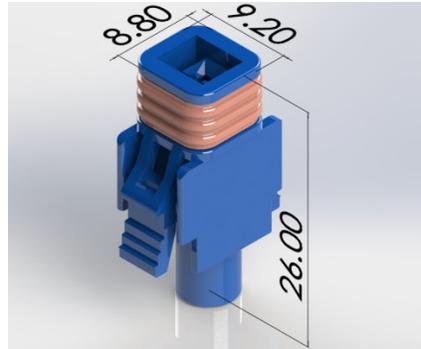


Male Housing:

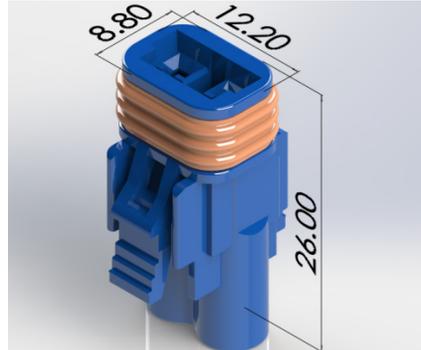
| Housing Color: | XXX: |
|----------------|------|
| White | 100 |
| Blue | 300 |

Female Housing:

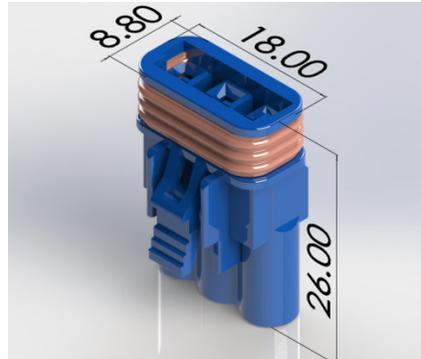
572-002-000-XXX



572-003-000-XXX



572-005-000-XXX

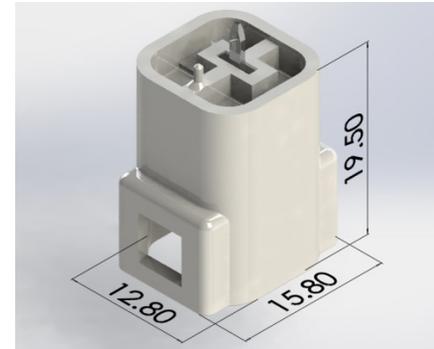


Female Housing:

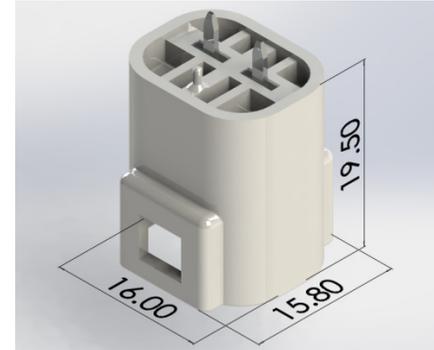
| Housing Color: | YYY: |
|----------------|------|
| White | 200 |
| Blue | 400 |

PCB Header

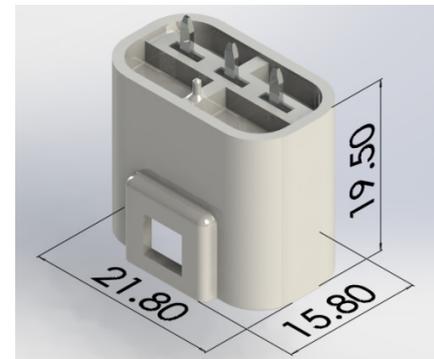
572-002-420-XXX



572-003-420-XXX



572-005-420-XXX

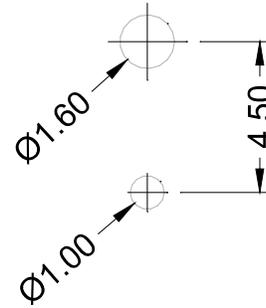


PCB Header:

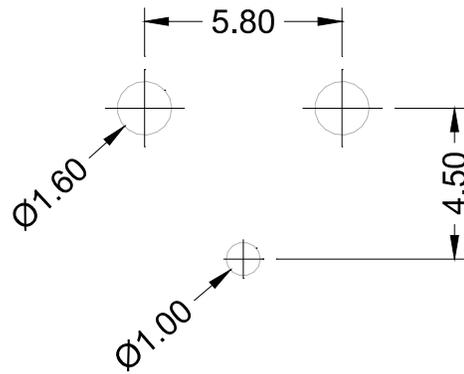
| Housing Color: | XXX: |
|----------------|------|
| White | 101 |
| Blue | 301 |

Recommended PCB Layout

572 SERIES - 1P



572 SERIES - 2P



572 SERIES - 3P

