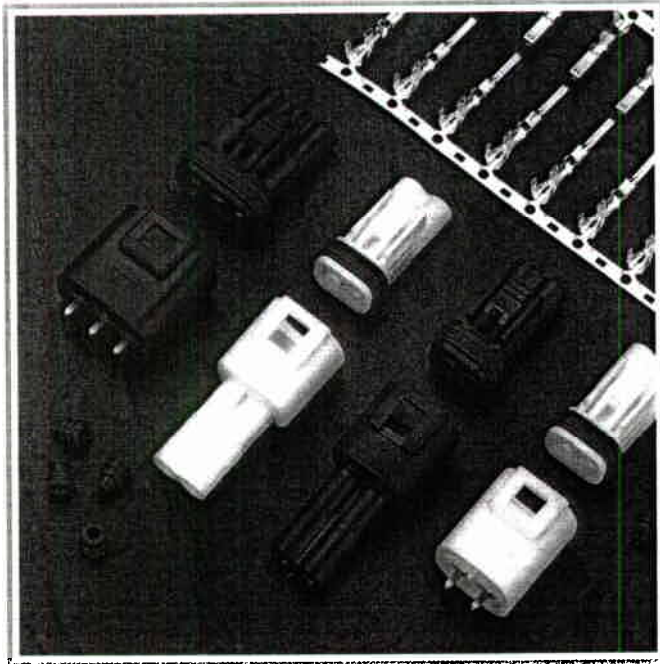


570 SERIES WATERPROOF CONNECTOR

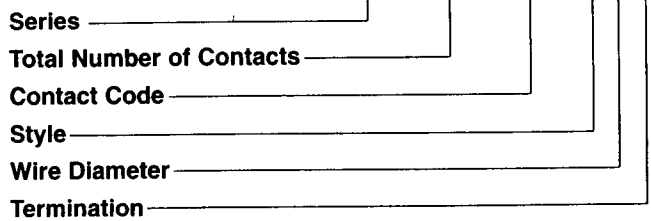
Plug, Receptacle & Board Mount



Fully waterproof connector
 Plastic latch provides both locking mechanism and polarity
 5.8 mm Contact Spacing
 Plug and Receptacle in 2 or 3 Contact positions
 Board Mount Style available in 1, 2 or 3 contact positions
 Contact Termination Options include Crimp and P.C. Tail
 Tools Available for Contact Installation, Removal and Crimping
 Able to carry large current up to 10 A

Insulator Material: PBT (UL94V-0)
 Contact Material: Brass / Tin plating
 Wire Housing Seal: Silicone Rubber
 Current Rating: 10 Amperes maximum
 Contact Resistance: 10m Ω Maximum
 Insulator Withstanding Voltage: 1700 V AC rms at Sea Level
 Insulation Resistance: 1000M Ω Minimum at 500 VDC
 Operating Temperature: -40 to +105 Degrees C
 Rated Voltage: 300 V
 Waterproof Grade 4
 For use with PC boards up to (.063") 1.6mm

Example Part Number 570 - 003 - 000 - 1 0 0



| | |
|-----------------------------|---------------------------------------------------------------|
| Series | 570 |
| Total Number of Contacts | 001, 002 or 003 |
| Contact Code ^{1,2} | No Contacts Assembled Board Mount Contacts Installed |
| Style ³ | Plug Receptacle |
| Wire Diameter ⁴ | None installed; both contacts and water seals sold separately |
| Termination | Wire crimp terminals required PC Board Mount |

Ordering Code Notes

1) Crimp contacts are available for the 570 series connectors. Contacts may be ordered separately for pre-wired or select position assembly.

| Part Number | Description |
|-------------|---------------------------------------|
| 570-290-711 | Male contact for smaller gauge wire |
| 570-290-721 | Female contact for smaller gauge wire |
| 570-290-731 | Male contact for larger gauge wire |
| 570-290-741 | Female contact for larger gauge wire |

2) For contact installation, removal and crimping tools, refer to page 7.

3) Insulator design prevents improper mating of individual plug and receptacle.

4) Wire Seals are available as follows:

| Part Number | Colour | Insulation Dia | Flange |
|-------------|--------|----------------------------|--------|
| 570-260-001 | Black | .067" (1.7) to .075" (1.9) | No |
| 570-260-002 | Blue | .079" (2.0) to .102" (2.6) | No |
| 570-260-003 | Blue | .083" (2.1) to .106" (2.7) | Yes |
| 570-260-004 | Brown | .106" (2.7) to .122" (3.1) | Yes |

570 SERIES WATERPROOF CONNECTOR

Plug, Receptacle & Board Mount

