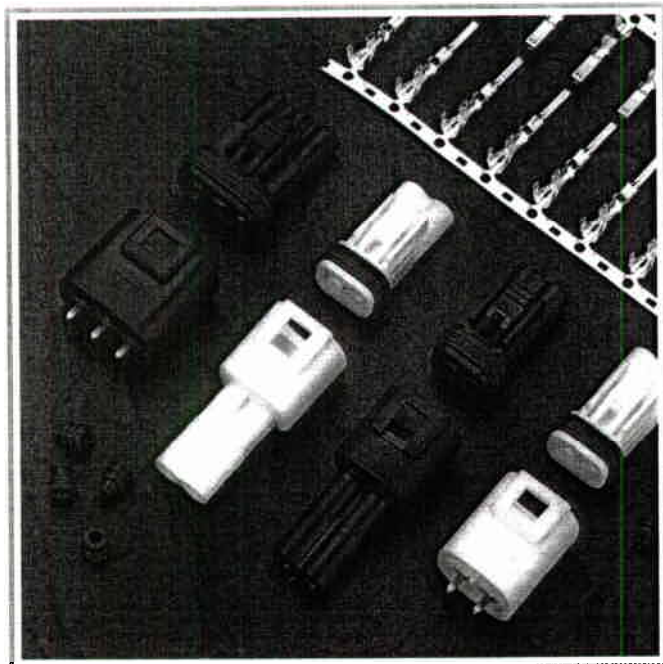


# 570 SERIES WATERPROOF CONNECTOR

## 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  $\Omega$  Maximum  
 Insulator Withstanding Voltage: 1700 V AC rms at Sea Level  
 Insulation Resistance: 1000M  $\Omega$  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 \_\_\_\_\_  
 Total Number of Contacts \_\_\_\_\_  
 Contact Code \_\_\_\_\_  
 Style \_\_\_\_\_  
 Wire Diameter \_\_\_\_\_  
 Termination \_\_\_\_\_

Series 570

Total Number of Contacts 001, 002 or 003

Contact Code <sup>1,2</sup>  
 000 No Contacts Assembled  
 420 Board Mount Contacts Installed

Style <sup>3</sup>  
 1 Plug  
 2 Receptacle

Wire Diameter <sup>4</sup>  
 0 None installed; both contacts and water seals sold separately

Termination  
 0 Wire crimp terminals required  
 1 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    |

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