



## SERIES 570



### FEATURES

- Fully Waterproof connector
- Plastic latch provides locking mechanism and polarity
- 5.8mm 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

### SPECIFICATIONS

- Insulator Material: PBT (UL 94V-0)
- Contact Material: Brass / Tin plating
- Wire Housing Seal: Silicone Rubber
- Current Rating: 10 Amperies maximum
- Contact Resistance: 10 m  $\Omega$  maximum
- Insulator Withstanding Voltage: 1700 V AC rms at Sea Level
- Insulation Resistance: 1000 M  $\Omega$  minmum at 500 VDC
- Operating Temperature: -40 to +105 Degrees C
- Rated Voltage: 300V
- 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, 003

#### Contact Code

000 No Contacts Assembled  
 420 Board Mount Contact Installed

#### Style

1 Plug  
 2 Receptacle

#### Wire Diameter

0 None Installed; both contacts and water seals sold seperately

#### Termination

0 Wire Crimp terminals required  
 1 PC Board Mount

#### Ordering Code Notes

- Crimp contacts are available for 565 series connectors  
 Contacts may be ordered separate for pre-wired or select position assembly

#### Part Number

570-290-711  
 570-290-721  
 570-290-731  
 570-290-741

#### Description

Male Contact for smaller gauge wire  
 Female Contact for smaller gauge wire  
 Male Contact for larger gauge wire  
 Female Contact for larger gauge wire

- Insulator design prevents improper mating of individual plug and receptacle

- Wire Seals are available as follows:

Part Number	Colour	Insulation Dia	Flange
570-260-001	Black	.067" (1.7) to .075" (2.1)	No
570-260-002	Blue	.079" (2.1) to .102" (2.7)	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

#### PCB Header

570-001-420-101  
 570-002-420-101  
 570-003-420-101

# AMEYA360

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