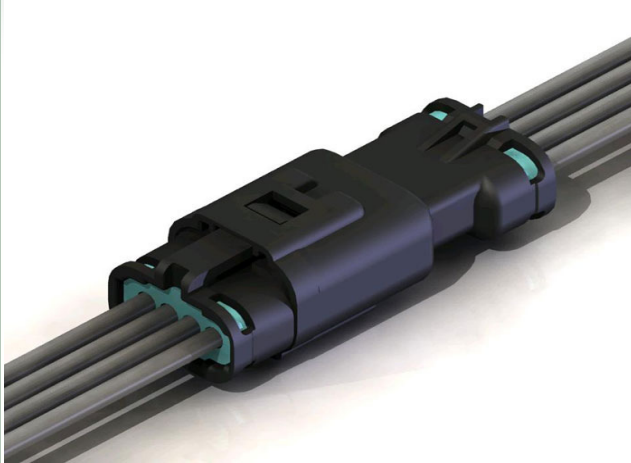




## SERIES 566



### FEATURES:

- 2.0mm pitch, Rated Current: 2A Max
- Fully waterproof solution
- Available in wire-to-wire options
- Seals preassembled into housing, no external sealing required
- True Crimp and poke solution
- Available with wire already installed
- Waterproof caps available to cover unused holes

### SPECIFICATIONS:

- Insulator Material: PBT, UL 94V-0
- Contact Material: Phosphor Bronze, Tin Plated
- Wire + Housing Seal: Silicon Rubber
- Circuits: 2, 3 and 4 Pins
- Pitch: 2.0mm
- Rated Voltage: 250V
- Rated Current: 2A max
- Insulation Resistance: 1000 Megohms minimum per DC 500V
- Contact Resistance: 10 milliohms maximum
- Dielectric Withstanding Voltage: 1000 VAC rms
- Operating Range: -40°C to +105°C
- Waterproof Grade: IP67
- Wire Seal Insulation Internal Diameter from Ø0.039" (1.0mm) to Ø0.059" (1.5mm) can be accommodated using different wire seals and contacts

### ORDERING CODE NOTES:

- 1) Crimp contacts are available for 566 series connectors  
Contacts may be ordered separately for pre-wired or select position assembly

| Part Number | Description                  |
|-------------|------------------------------|
| 566-290-711 | Male Contact - AWG 22 to 28  |
| 566-290-721 | Female Contact- AWG 22 to 28 |

- 2) For contact installation, removal and crimping tool, consult factory
- 3) Insulator design prevents improper mating of individual and receptacle

Example Part Number:

**566-003-000-710**

SERIES: \_\_\_\_\_  
566, WIRE TO WIRE  
WIRE TO BOARD

NO. OF CONTACTS: \_\_\_\_\_  
002 - 2 CONTACTS  
003 - 3 CONTACTS  
004 - 4 CONTACTS

CONTACT CODE: \_\_\_\_\_  
000 - NO CONTACTS ASSEMBLED  
421 - BOARD MOUNT CONTACTS

STYLE: \_\_\_\_\_  
510 - WHITE MALE HOUSING, WITH Ø1.0 TO Ø1.25 INSULATION  
710 - BLACK MALE HOUSING, WITH Ø1.0 TO Ø1.25 INSULATION  
511 - WHITE MALE HOUSING, WITH Ø1.25 TO Ø1.5 INSULATION  
711 - BLACK MALE HOUSING, WITH Ø1.25 TO Ø1.5 INSULATION  
610 - WHITE FEMALE HOUSING, WITH Ø1.0 TO Ø1.25 INSULATION  
810 - BLACK FEMALE HOUSING, WITH Ø1.0 TO Ø1.25 INSULATION  
611 - WHITE FEMALE HOUSING, WITH Ø1.25 TO Ø1.5 INSULATION  
811 - BLACK FEMALE HOUSING, WITH Ø1.25 TO Ø1.5 INSULATION  
701 - BLACK HOUSING FOR BOARD MOUNT CONTACTS ONLY