EDAC
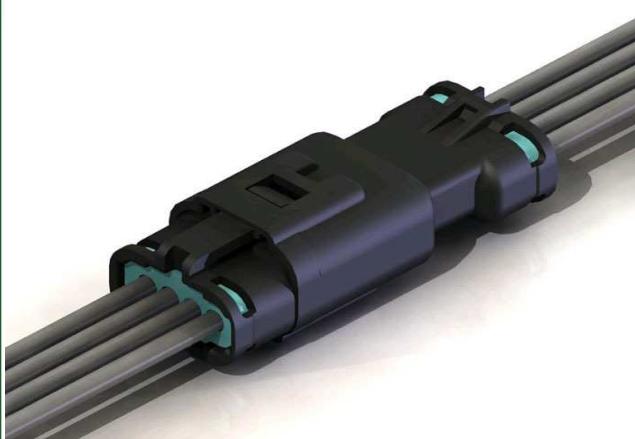
SERIES 566

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 accomodated using diffrent 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, WTH 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