

- 2.5mm Pitch, Rated Current: 3A max
- Fully Waterproof with Double Latch Solution
- Available in Wire-to-Wire and Wire-to-Board Options
- Seals Preassembled into Housing; No External Sealing Required available in 2, 3, or 5 Positions
- True Crimp and Poke Solution
- Waterproofing Cap available to Cover unused Positions
- Internal Polarization to Prevent Mismatching
- Available with wire already installed
- Waterproof Grade IP67 Certified



Specifications:

No. of Positions	2, 3, 5
Pitch	2.5mm
Rated Voltage	250V
Rated Current	3A max
Withstanding Voltage	1000V AC (rms)
Contact Resistance	15 mΩ max
Insulation Resistance	1000 MΩ min./DC500V
Temperature Range	-40°C to +105°C
PCB Thickness	1.6mm

Materials:

Crimp & Poke	Housing	PBT, UL 94V-0
	Contact	Phosphor Bronze
PCB Header	Housing	PBT with Glass, UL 94V-0
	Contact	Brass
Contact Plating	Tin Plating	
Wire & Housing Seals	Silicone Rubber	
Waterproofing Cap	PBT, UL 94V-0	

Waterproofing Cap:

Part No.	
565-200-100	



Crimp Contact:

Male Contact (Pin)			
Part No	AWG#	Ins. Dia.	Pcs/Reel
565-290-731	20-22	Max. Ø1.7	8,000
565-290-711	22-28	Max. Ø1.6	8,000

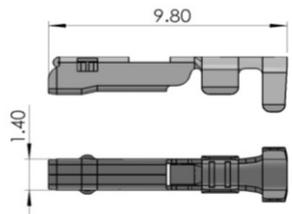
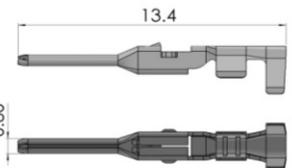
**Crimp Contacts are also available in strips of 60pcs. Contact EDAC for more information.

Female Contact (Socket)			
Part No	AWG#	Ins. Dia.	Pcs/Reel
565-290-741	20-22	Max. Ø1.7	8,000
565-290-721	22-28	Max. Ø1.6	10,000

**Wire seals, housing seals and retainers are already pre-assembled in the connector.

Rear Gasket (Wire Seal):

Applicable Contact	Wire O.D.	Color
565-290-711 565-290-721	Ø1.00 to Ø1.30	Yellow
565-290-731 565-290-741	Ø1.30 to Ø1.70	Orange



Ordering Code: 560-002-000-110

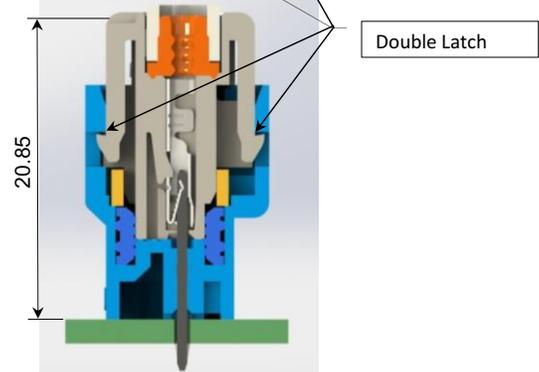
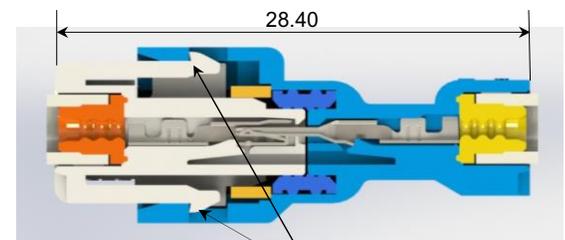
SERIES: _____
560, WIRE TO WIRE
WIRE TO BOARD

NO. OF CONTACTS: _____
002 - 2 CONTACTS
003 - 3 CONTACTS
005 - 5 CONTACTS

CONTACT CODE: _____
000 - NO CONTACTS (ONLY FOR CRIMP CONTACTS)
420 - BOARD MOUNT CONTACTS

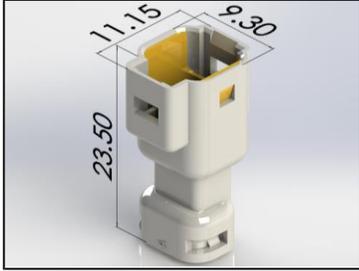
STYLE: _____
101 - WHITE MALE HOUSING (ONLY FOR BOARD MOUNT CONTACTS)
301 - BLUE MALE HOUSING (ONLY FOR BOARD MOUNT CONTACTS)
501 - ORANGE MALE HOUSING (ONLY FOR BOARD MOUNT CONTACTS)
110 - WHITE MALE HOUSING FOR WIRE INSULATION Ø1.00 TO Ø1.30
310 - BLUE MALE HOUSING FOR WIRE INSULATION Ø1.00 TO Ø1.30
510 - ORANGE MALE HOUSING FOR WIRE INSULATION Ø1.00 TO Ø1.30
111 - WHITE MALE HOUSING FOR WIRE INSULATION Ø1.30 TO Ø1.70
311 - BLUE MALE HOUSING FOR WIRE INSULATION Ø1.30 TO Ø1.70
511 - ORANGE MALE HOUSING FOR WIRE INSULATION Ø1.30 TO Ø1.70
210 - WHITE FEMALE HOUSING FOR WIRE INSULATION Ø1.00 TO Ø1.30
410 - BLUE FEMALE HOUSING FOR WIRE INSULATION Ø1.00 TO Ø1.30
610 - ORANGE FEMALE HOUSING FOR WIRE INSULATION Ø1.00 TO Ø1.30
211 - WHITE FEMALE HOUSING FOR WIRE INSULATION Ø1.30 TO Ø1.70
411 - BLUE FEMALE HOUSING FOR WIRE INSULATION Ø1.30 TO Ø1.70
611 - ORANGE FEMALE HOUSING FOR WIRE INSULATION Ø1.30 TO Ø1.70

Assembly Layout



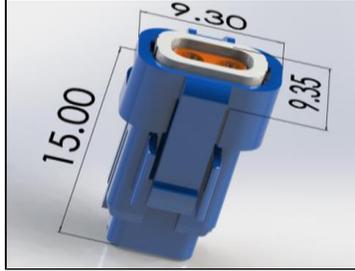
Male Housing:

560-002-000-XXX



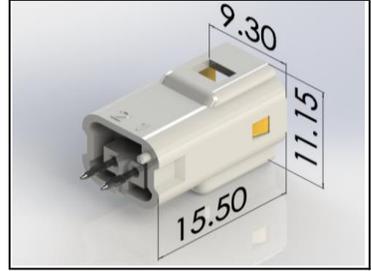
Female Housing:

560-002-000-XXX

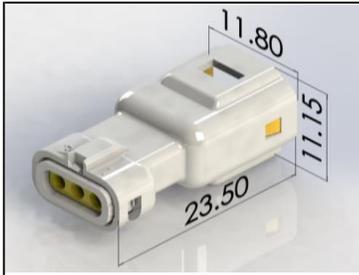


PCB Header:

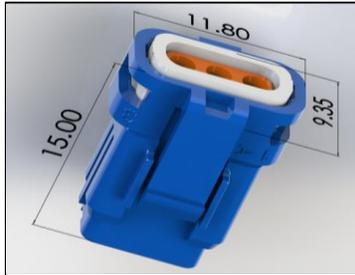
560-002-420-XXX



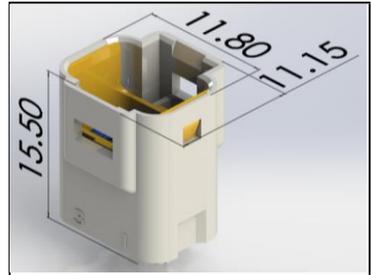
560-003-000-XXX



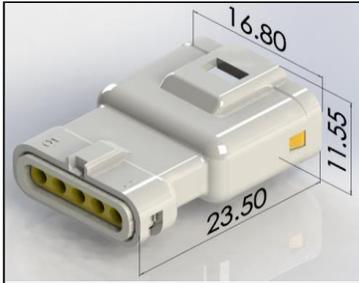
560-003-000-XXX



560-003-420-XXX



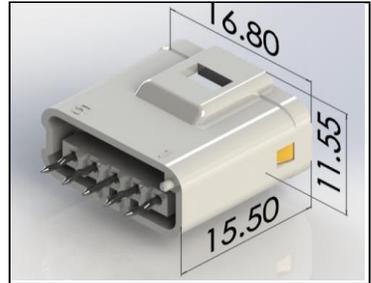
560-005-000-XXX



560-005-000-XXX



560-005-420-XXX



Male Housing:

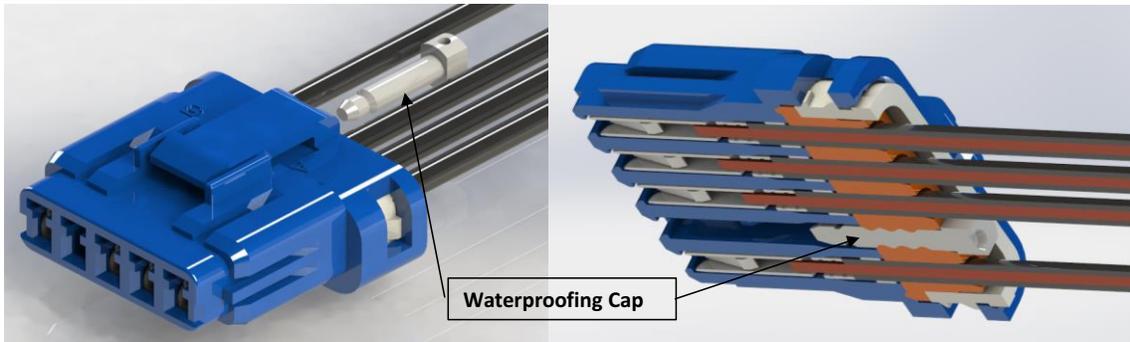
Ø Wire Insulation	Housing Color	XXX
Ø1.00 to Ø1.30	White	110
	Blue	310
Ø1.30 to Ø1.70	White	111
	Blue	311

Female Housing:

Ø Wire Insulation	Housing Color	XXX
Ø1.00 to Ø1.30	White	210
	Blue	410
Ø1.30 to Ø1.70	White	211
	Blue	411

PCB Header:

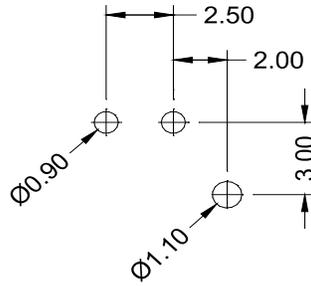
Housing Color	XXX
White	101
Blue	301



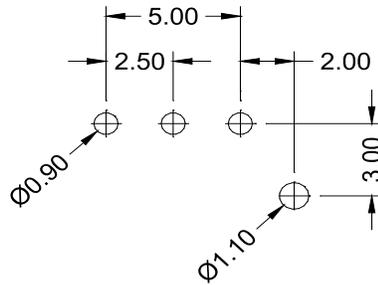
NOTE: Waterproofing Cap is installed at the wire seal end to cover the unused holes.

Recommended PCB Layout

560 SERIES - 2P



560 SERIES - 3P



560 SERIES - 5P

