



- 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 holes of wire seal
- Internal Polarization to Prevent Mismatching
- Available with wire already installed
- Waterproof Grade IP67 Certified



#### Specifications:

No. of Positions	2, 3, 5P
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



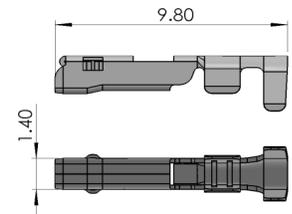
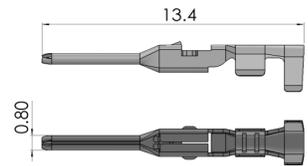
#### Crimp Contact:

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	Ø1.00 to Ø1.30	Yellow
565-290-721	Ø1.30 to Ø1.70	Orange



#### Ordering Code: 560-002-000-110

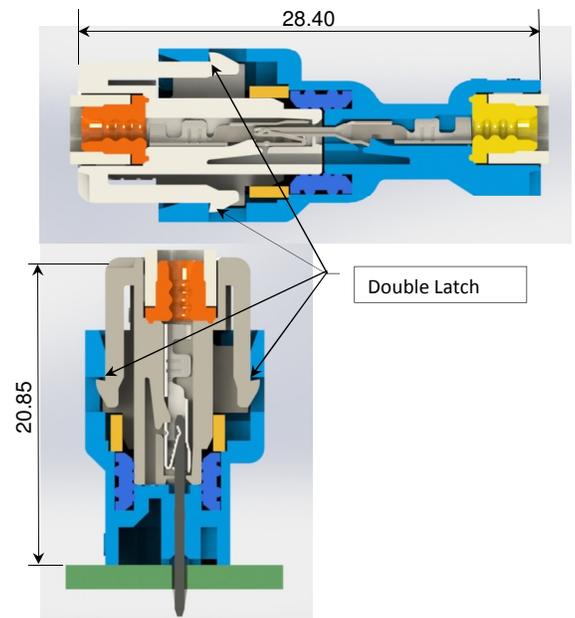
SERIES: \_\_\_\_\_  
560 - WIRE TO WIRE  
WIRE TO BOARD

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)  
110 - WHITE MALE HOUSING FOR WIRE INSULATION Ø1.00 TO Ø1.30  
310 - BLUE 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  
210 - WHITE FEMALE HOUSING FOR WIRE INSULATION Ø1.00 TO Ø1.30  
410 - BLUE 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

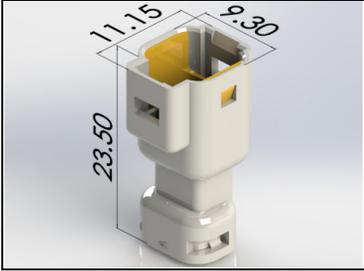
#### Assembly Layout



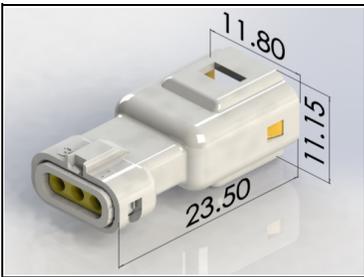
## Wire to Wire / Wire to Board 2.5mm Pitch

### Male Housing:

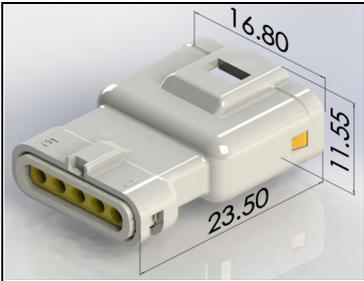
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560-003-000-XXX



560-005-000-XXX

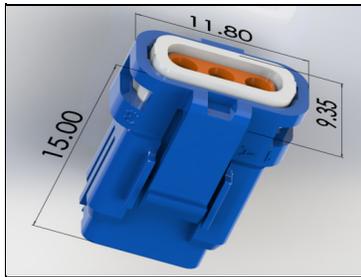


### Female Housing:

560-002-000-XXX



560-003-000-XXX

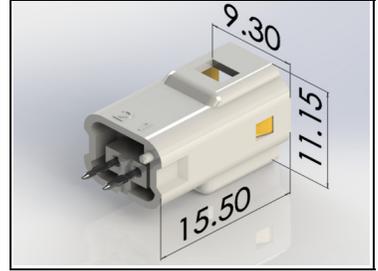


560-005-000-XXX

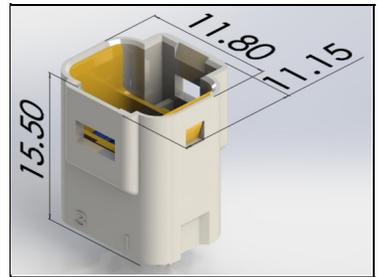


### PCB Header

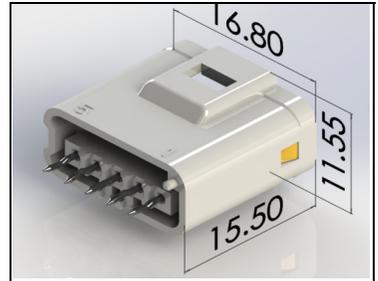
560-002-420-XXX



560-003-420-XXX



560-005-420-XXX



### Male Housing:

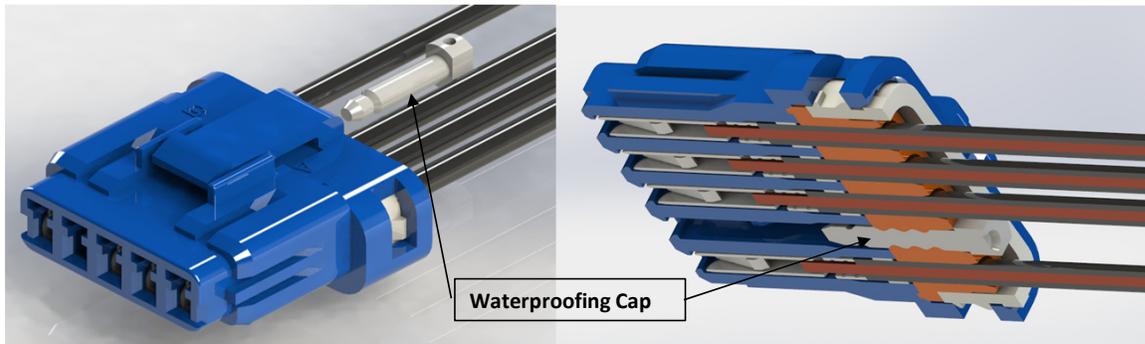
Ø Wire Insulation	Housing Color	XXX
Ø1.00 to Ø1.30	White	110
Ø1.30 to Ø1.70	Blue	310
Ø1.00 to Ø1.30	White	111
Ø1.30 to Ø1.70	Blue	311

### Female Housing:

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