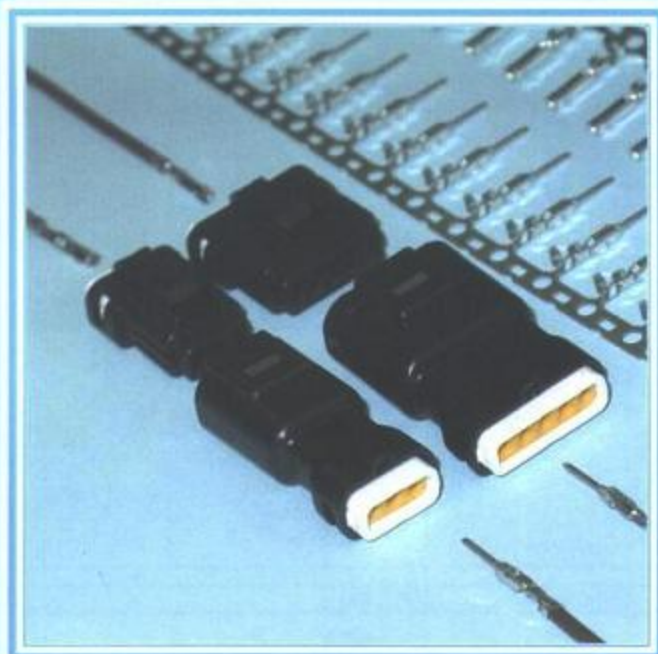


# 565 SERIES WATERPROOF CONNECTOR

## Plug and Receptacle



### 565 SERIES ORDERING CODE

Example Part Number 565 - 003 - 000 - 3 1 0

Series \_\_\_\_\_  
 Total Number of Contacts \_\_\_\_\_  
 Contact Code \_\_\_\_\_  
 Style \_\_\_\_\_  
 Wire Diameter \_\_\_\_\_  
 Termination \_\_\_\_\_

Series 565

Total Number of Contacts 002, 003, or 005

Contact Code  
 000 No Contacts Assembled

Style  
 3 Plug (Housing Black)  
 4 Receptacle (Housing Black)  
 9 Special (Consult Factory)

Wire Diameter  
 1 AWG 22 to 28 (Seal Color - Yellow)  
 Insulator Dia. 0.39" (1.0 mm) to .051" (1.30 mm)

Termination  
 0 Wire Crimp terminals required

#### Ordering Code Notes

1) Crimp contacts are available for the 565 series connectors. Contacts may be ordered separately for pre-wired or select position assembly.

Part Number	Description
565-290-711	Male contact - AWG 22 to 28
565-290-721	Female contact - AWG 22 to 28

2) For contact installation, removal and crimping tool, consult factory.

3) Insulator design prevents improper mating of individual plug and receptacle.

### FEATURES

- Fully waterproof connector
- Plastic latch provides locking mechanism
- Plug and Receptacle in 2, 3 and 5 Contact positions
- Tools available for Contact Installation, Removal and Crimping
- Able to carry current up to 3A

### SPECIFICATIONS

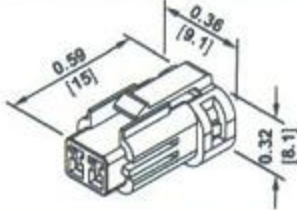
- Insulator Material: PBT (UL94V-0)
- Contact Material: PB / Tin plating
- Wire Housing Seal: Silicone Rubber
- Current Rating: 3 Amperes maximum
- Contact Resistance: 10 mΩ maximum
- Insulator Withstanding Voltage: 100 VAC rms at Sea Level
- Insulation Resistance: 1000 MΩ minimum at 500 VDC
- Operating Temperature: -40 to +105 Degrees C
- Waterproof Grade 4
- Insulation diameter from .039" (1.0 mm) to .067" (1.7 mm) can be accommodated using different wire seals and contacts

# 565 SERIES WATERPROOF CONNECTOR

## Plug and Receptacle



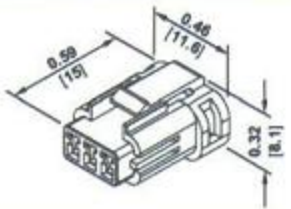
565-002-000-410 (SML GA)



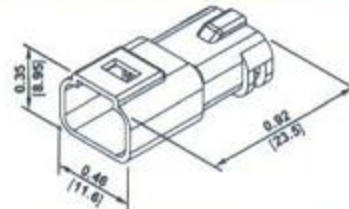
565-002-000-310 (SML GA)



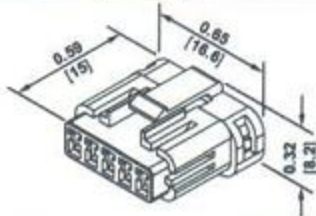
565-003-000-410 (SML GA)



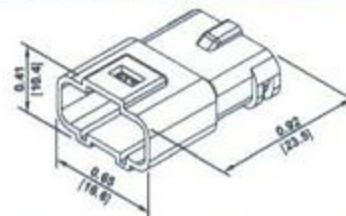
565-003-000-310 (SML GA)



565-005-000-410 (SML GA)

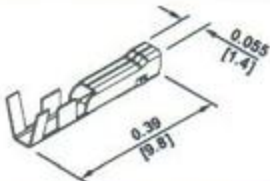


565-005-000-310 (SML GA)



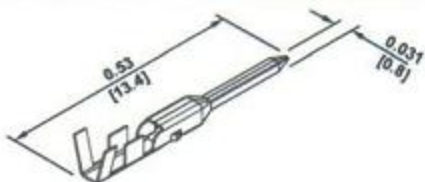
### FEMALE TERMINAL

565-290-721 AWG# 22-28



### MALE TERMINAL

565-290-711 AWG# 22-28



### ASSEMBLY LAYOUT

- ① RETAINER
- ② WIRE SEAL
- ③ M CONTACT
- ④ HOUSING SEAL
- ⑤ PLUG INSULATOR
- ⑥ RECEPTACLE HOUSING
- ⑦ F CONTACT

