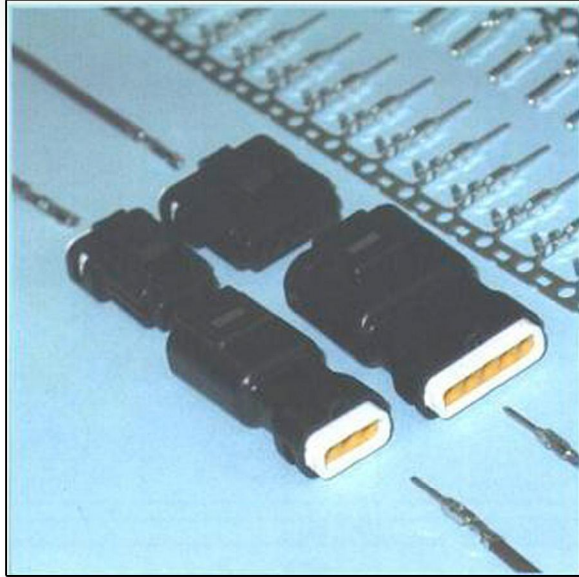




# SERIES 565



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, 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 Colour - 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 565 series connectors  
Contacts may be ordered separately for pre-wired or select position assembly

### Part Number

565-290-711  
565-290-721

### Description

Male Contact - AWG 22 to 28  
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

### PCB Header

565-002-420-101  
565-003-420-101  
565-005-420-101

## 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 (UL 94V-0)

Contact Material: PB/ Tin plating

Wire Housing Seal: Silicone Rubber

Current Rating: 3 Amperies maximum

Contact Resistance: 10 m Ω maximum

Insulator Withstanding Voltage: 100VAC rms at Sea Level

Insulation Resistance: 1000 M Ω minimum at 500 VDC

Operating Temperature: -40 to +105 Degrees C

Waterproof Grade 4

Insulation Diameter from .039" (1.0 mm) to .067" (1.7mm) can be accommodated using different wire seals and contacts