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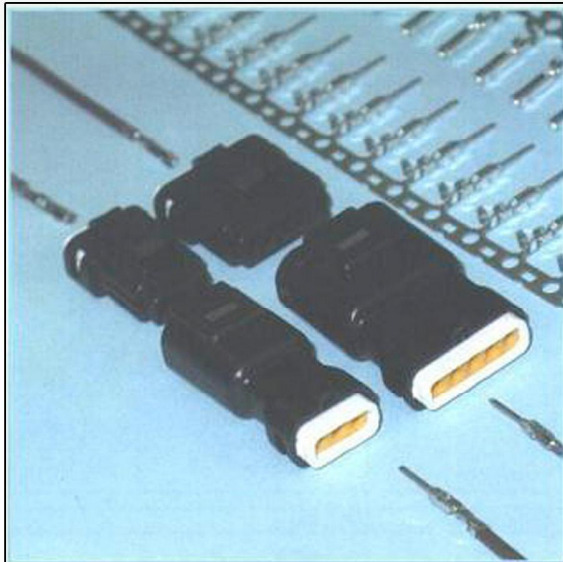
[EDAC Inc.](#)  
[565-003-000-410](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

# EDAC

## SERIES 565



### 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  $\Omega$  maximum
- Insulator Withstanding Voltage: 100VAC rms at Sea Level
- Insulation Resistance: 1000 M  $\Omega$  minmum 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 accomodated using different wire seals and contacts

### 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