



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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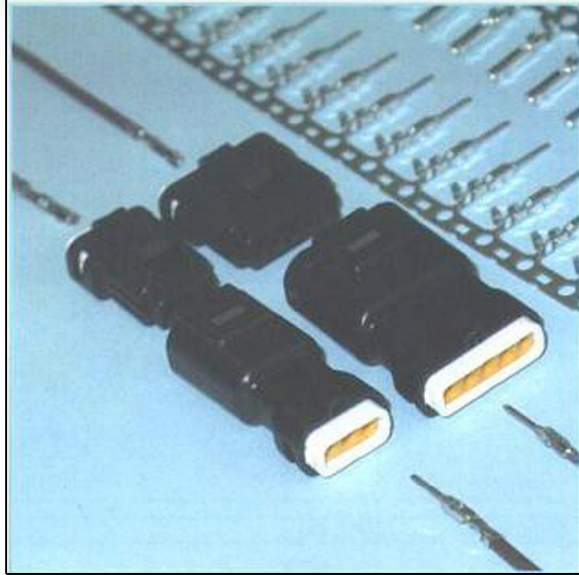
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SERIES 565



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	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

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 postions
- 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 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