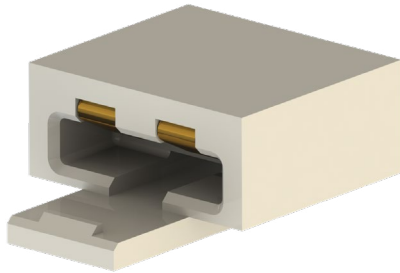


# SHORTING SOCKET: 58-9159-002-000-006

## General Information



The 9159 Series board-to-board interconnect system allows two PCBs to be mated end-to-end to create LED lighting strips. Designed specifically for the unique Solid State Lighting (SSL) market that requires coplanar (horizontal to horizontal) PCB mating with a 5 Amp current rating in the smallest package available. The 2-position shorting socket is designed to be plugged into the last PCB in the lighting strip to short the two contacts together, closing the electrical loop. Just as the wired plug brings power and signals to the strip, the shorting socket completes the circuit while maintaining a single board design.

### APPLICATIONS

- Coplanar PCB mating in SSL products
- LED linear lighting strips
- Application Notes: Refer to 201-01-123
- Product Specification: Refer to 201-01-119

### FEATURES AND BENEFITS

- Mates to the standard plug connector: does not require a new connector
- Integral latching mechanism: Provides positive attachment to the plug
- Gold plated BeCu spring contacts: reliability for harsh environments
- Available in white: supports SSL market preferences

### ELECTRICAL

- Current Rating: 5 Amps / Contact
- Voltage Rating: 125 VAC (RMS) or DC equivalent

### ENVIRONMENTAL

- Operating Temperature: -40°C to +125°C
- Storage Temperature: -40°C to +70°C

### MECHANICAL

- Insulator Material: Nylon: VL94VO
- Contact Material: BeCu / Phos Bronze
- Plating: Gold / Tin over Nickel
- Durability: 10 Cycles

### HOW TO ORDER

**58 9159 002 000 006**

Safety Standards: UL 1977-File #E90723



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