

## Plug-in Screw Connector System for Printed Circuit Boards

### TYPE 950-FL-DS

5 mm spacing - 2 to 24 poles

 [Distributor Stock Check](#)

| Series | Download PDF | 3D Model | Can plug with | How to order | Color specifications | Print |
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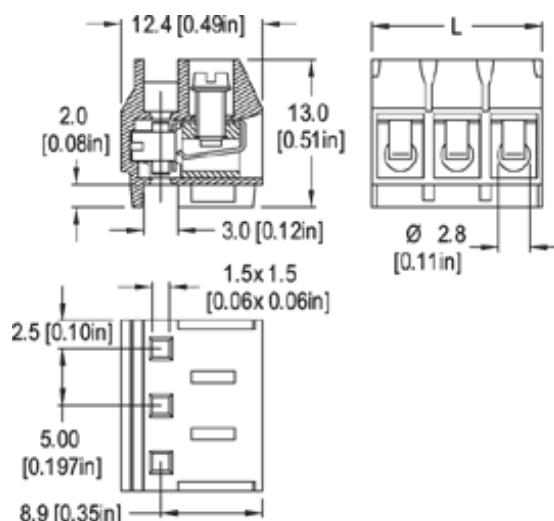
950-FL-DS



One possible variation of assembly



RoHS WEEE Pb free  
compliant



Dimensions: mm (in.)

Length of Connector (L)

L = No. of Poles x Center to Center Spacing

When locating connector, allow 0.5 mm clearance around it for process-induced variations.

### Description

- Plug
- Solid version
- Plug-In Direction Perpendicular to PCB and Wire Entrance Parallel to PCB when plugged with **971-SLK /-SLS /-SLW, 971-SLK-SMD, 971-SLK-THR, 971-SLK-CPL, 971-SLT-SMD**
- Plug-In Direction Parallel to PCB and Wire Entrance Perpendicular to PCB when plugged with **950-SLS**

### Technical Data

**Center to Center Spacing:** 5 mm (0.197 in.)

**Nominal Cross Section:**

1.5 mm<sup>2</sup> (2325 mils<sup>2</sup>)

**Wire Stripping Length:** 6 mm (0.25 in.)

### Approval Information

UL File No.E69841

CSA File No.LR24322 

| Rating | Current(A) | Voltage(V) | Application group | AWG   |
|--------|------------|------------|-------------------|-------|
| UL     | 10         | 300        | B                 | 26-14 |
| CSA    | 10         | 300        | B,D,E             | 26-14 |

### Screw Tightening Torque:

UL: 3.5 lbf·in

CSA: 0.4 Nm

**Rated Impulse Withstand Voltage:** 2500 V

### Application

### Material

This can be plugged with the 971-SLK /-SLS /-SLW.  
Entry of the pin can be on top side (971-SLK only) or  
on the bottom (971-SLK /-SLS /-SLW) of these plugs.

**Version:** 2 to 12 poles  
**Molding:** Polyamide 6.6, self extinguishing UL 94, V-0, color grey  
**Temperature limits:**  
**Short Time:** 140°C (284°F)  
**Continuous:** RTI 105°C (221°F)  
**Low Limit:** -40°C (-40°F)  
**Comparative Tracking Index:** CTI > 600  
**Oxygen Index Rating:** 32%

**Version:** 13 to 24 poles  
**Molding:** Polyamide (glass fiber reinforced), self extinguishing UL 94, V-0, color grey  
**Temperature limits:**  
**Short Time:** 200°C (392°F)  
**Continuous:** RTI 105°C (221°F)  
**Low Limit:** -40°C (-40°F)  
**Comparative Tracking Index:** CTI > 175  
**Oxygen Index Rating:** 33%

**Terminal Body:** Nickel plated copper alloy  
**Wire Protector and Contact Spring:** Tin plated copper alloy  
**Screw:** M2.6, Slotted head, zinc plated blue passivated, steel substrate

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How to order

Item 950-FL-DS

- Options
- CN: Consecutive Numbering (hot stamped numbers)
  - SM: Special Marking (please provide sketch)
  - PS: Clear Chromate Passivated, zinc plated, Steel Screws
  - G05: Gold Plating (5 micro inches)
  - G30: Gold Plating (30 micro inches)
  - S30: Silver Plating (30 micro inches)
  - SLW: 971-SLW Pinstrips assembled to Plug

**Note:** Plated component: wire protector

**Ordering Note:** Voltage rating for 10 mm spacing is UL certified for 10A - 300V / B,D (952-FL (-DS)).

Request sample  
Request quote

Quantity

**Accessories**  
[BST Self Adhesive Marking Strips.](#)  
[Consecutively numbered.](#)  
[Jumper, Type 970-J1.](#)  
[LST Single Pins.](#)

|      |  |                    |
|------|--|--------------------|
| 950- | TERMINAL BODY:<br>chamfered: B standard: leave blank | POLES:<br>02 to 24 |
|      | -FL-DS /   |                    |

Add to shopping cart