

Plug-in Screw Connector System for Printed Circuit Boards

TYPE 950-FL-DS

5 mm spacing - 2 to 24 poles

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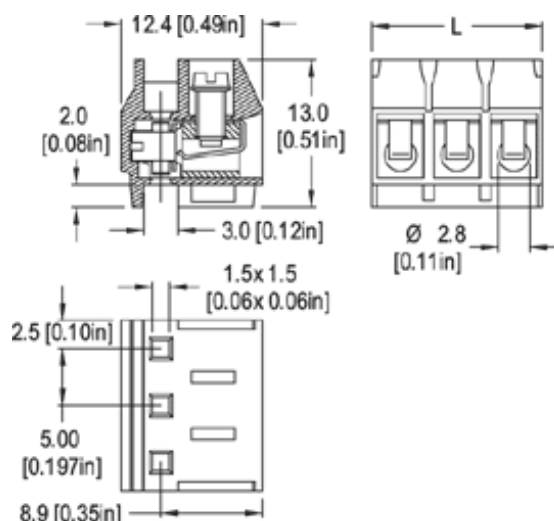
950-FL-DS



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 mm² (2325 mils²)

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.](#)

TERMINAL BODY: POLES:
chamfered: B standard: leave blank 02 to 24

950- -FL-DS /

[Add to shopping cart](#)