

Plug-in Screw Connector System for Printed Circuit Boards

TYPE 950-NAF-DS

5 mm spacing - 2 to 12 poles



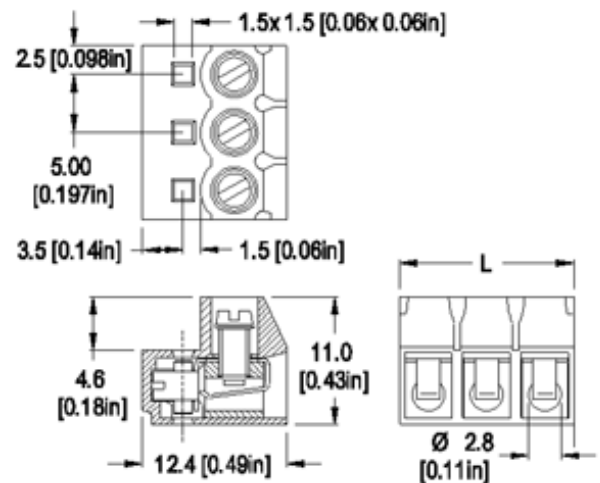
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| Series | Download PDF | 3D Model | Can plug with | How to order | Color specifications | Print |
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950-NAF-DS



One possible variation of assembly



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.

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

Description

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

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.)

Material

Application

The 950-NAF-DS has a 2 mm lower profile than the 950-FL-DS when plugged screw entry downwards onto pins at the edge of a PCB.

Molding: Polyamide, 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%

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-NAF-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: For enlarged clipping area, order special 958-NAF-DS.

950-NAF-DS/

POLES:
02 to 12

[Request sample](#)

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Quantity

Accessories

[BST Self Adhesive Marking Strips.](#)

[Consecutively numbered.](#)

[Jumper, Type 970-J1.](#)

[LST Single Pins.](#)

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