



PRODUCT SEARCH

950-SVG/03

e.g.20.874.002

PRODUCTS

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PRODUCTS



CROSS-REFERENCE

Plug-in Screw Connector System for Printed Circuit Boards

TYPE 950-SVG (-DS)

5 mm spacing - 2 to 32 poles



Distributor Stock Check

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



One possible variation of assembly



RoHS WEEE Pb free surface compliant

Description

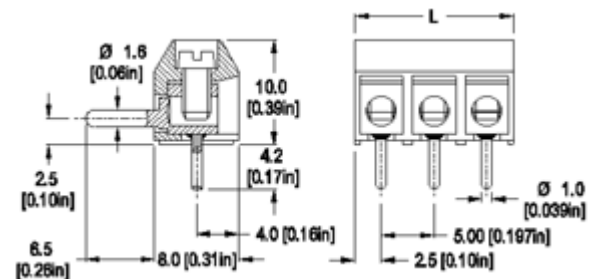
- Socket with male contacts
- Plug-In Direction and Wire Entrance Parallel to PCB when plugged with **971-FBS (-DS)**
- With solder pins

Technical Data

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

Nominal Cross Section: 2.5 mm² (3874 mils²)

Wire Stripping Length: 5.5 mm (0.22 in.)



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,C	22-14
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

Material

Version: 2 to 8 poles

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 ≥ 600V
Oxygen Index Rating: 32%

Version: 9 to 32 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: Tin plated copper alloy
Wire Protector: Tin plated copper alloy
Solder Pin: Ø 1.0 mm (0.04 in.), Tin plated copper alloy
Screw: M2.6, Slotted head, zinc plated blue passivated, steel substrate

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How to order

Item — 950-SVG (-DS)

Options

- CN: Consecutive Numbering (hot stamped numbers)
- SM: Special Marking (please provide sketch)
- BS: Copper Alloy Screw
- PS: Zinc plated clear Passivated, steel substrate
- G05: Gold Plating (5 micro inches)
- G30: Gold Plating (30 micro inches)
- S30: Silver Plating (30 micro inches)

- Request sample**
- Request quote**

Quantity

Accessories

[BST Self Adhesive Marking Strips. Consecutively numbered. Jumper, Type 970-J1.](#)

Note: Plated component: terminal body

950-SVG

WIRE PROTECTOR:
with: - DS

POLES:
02 to 32

[Add to shopping cart](#)

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