



Plug-in Screw Connector System for Printed Circuit Boards

TYPE 951-SV (-DS)

5 mm spacing - 2 to 32 poles



Distributor Stock Check



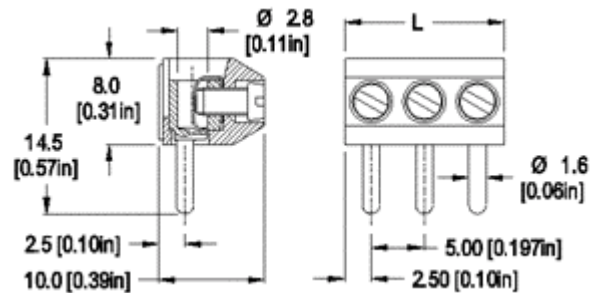
951-SV (-DS)



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.

Approval Information

UL File No.E69841

CSA File No.LR24322

Rating	Current(A)	Voltage(V)	Application group	AWG
UL	7	300	B	26-14
CSA	10	300	B	26-14

Description

- Plug
- Plug-In Direction and Wire Entrance Parallel to PCB when plugged with 950-FB, 950-PFB
- Plug-In Direction and Wire Entrance Perpendicular to PCB when plugged with 951-FB, 951-PFB
- Plug-In Direction and Wire Entrance 45° to PCB when plugged with 974-FB

Screw Tightening Torque:

UL: 3.5 lbf·in

CSA: 0.4 Nm

International Approvals:



Rated Impulse Withstand Voltage: 2500 V

Technical Data

Center to Center Spacing: 5 mm (0.197 in.)
Nominal Cross Section:
1.5 mm² (2325 mils²)
Wire Stripping Length: 5 mm (0.197 in.)

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 > 600
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: Nickel plated copper alloy
Wire Protector: Tin plated copper alloy
Screw: M2.6, Slotted head, zinc plated blue passivated, steel substrate

Item 951-SV (-DS)

Options

- ☐ CN: Consecutive Numbering (hot stamped numbers)
- ☐ SM: Special Marking (please provide sketch)
- ☐ BS: Copper Alloy Screws
- ☐ 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)

Note: Plated component: terminal body

Ordering Note: Voltage rating for 10 mm spacing is UL certified for 7A - 300V / B (953-SV (-DS)).

Accessories

	WIRE PROTECTOR: with: - DS		POLES: 02 to 32
951-SV		/	