

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)



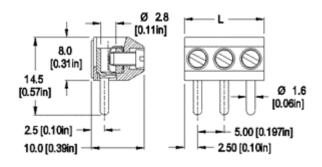
One possible variation of assembly



RoHS WEEE Pb free compliant

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



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 NCSA File No.LR24322

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

Screw Tightening Torque:

UL: 3.5 Ifbin 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 mm 2 (2325 mils 2)			

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	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)		
Options			
Note: Plated compone	ent: terminal body		
Ordering Note: Volta	age rating for 10 mm spacing is UL certified for 7A - 300V / B (953-SV (-DS)).		
Accessories			
951-SV	WIRE PROTECTOR: with: - DS O2 to 32		