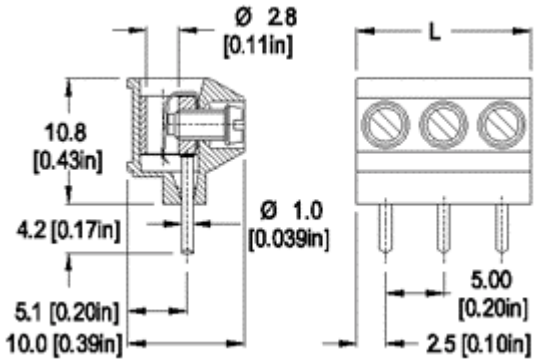
Screw Connectors for Printed Circuit Boards

TYPE 951-LH (-DS)

5 mm spacing - 2 to 12 poles

Distributor Stock Check

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

Types 951-LH terminal blocks have been specially designed to allow effective potting of PC boards. The molding design prevents seepage of the potting material into the wire clamping area.

- Wire entrance perpendicular to PC Board
- Straight PCB pin

Technical Data

Center to Center Spacing: 5 mm (0.197 in.)
Nominal Cross Section:
1.5 mm^2 (3874 $mils^2$)
Wire Stripping Length: 5 mm (0.197 in.)
Recommended Hole Diameter in PC Board:
1.3 mm (0.051 in.)

Illustration

Approval Information

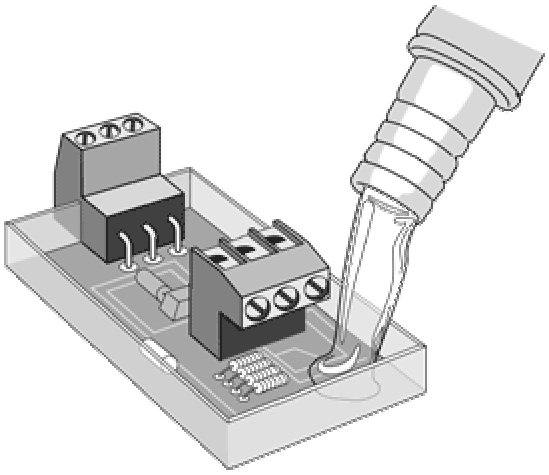
UL File No.E69841
CSA File No.LR24322

Rating	Current(A)	Voltage(V)	Application group	AWG
UL	15	300	B	26-14
CSA	15	300	B	26-12

* Version DS is CSA certified for 26-14 AWG.

Screw Tightening Torque:
UL: 3.5 lfbin
CSA: 0.4 Nm
Rated Impulse Withstand Voltage: 2500 V

Illustration



Material

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: 33%

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

Item **951-LH (-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)
- ☐ XXMM: Longer solder Pins up to 57.2 mm (2.25 in.)

Protruding length of pins, in millimeters: ☐

Note: Plated component: terminal body

Accessories

	WIRE PROTECTOR: with: - DS		POLES: 02 to 12
951-LH	☐	/	☐