

Screw Connectors for Printed Circuit Boards

TYPE 971-LH (-DS)

5 mm spacing - 2 to 12 poles



Distributor Stock Check



RoHS WEEE Pb free compliant

Description

Types 971-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: 2.5 mm² (3874 mils²)

Wire Stripping Length: 5 mm (0.197 in.) Recommended Hole Diameter in PC Board:

1.3 mm (0.051 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 **N** CSA File No.LR24322

Rating	Current(A)	Voltage(V)	Application group	AWG
· UL	20	300	B,C,D	26-12
CSA	15	300	B,D,E	22-10

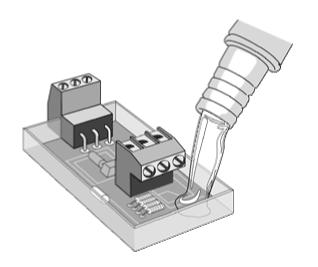
* Version DS is CSA certified for 26-10 AWG. UL: 26-24 AWG is for factory wiring only

Screw Tightening Torque:

UL: 4.5 Ifbin CSA: 0.51 Nm

Rated Impulse Withstand Voltage: 2500 V

Illustration Material



Material

Moldina:	Polvamide.	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: M3, Slotted head, zinc plated blue passivated,

steel substrate

Solder Pin: Ø 1.0 mm (0.04 in.), Tin plated copper

alloy

Item	971-LH (-DS)		
Note: Plated componer ordering Note: Versuccessories	CN: Consecutive Numbering (hot stamped numbers) SM: Special Marking (please provide sketch) PS: Clear Chromate Passivated, zinc plated, Steel Screws WG: Wire Guide G05: Gold Plating (5 micro inches) G30: Gold Plating (30 micro inches) S30: Silver Plating (30 micro inches) XXMM: Longer solder Pins up to 25 mm (0.98 in.) Protruding length of pins, in millimeters: ent: terminal body ion with 10 mm spacing (973-LH (-DS)).		
971-LH	WIRE PROTECTOR: with: - DS POLES: 02 to 12		