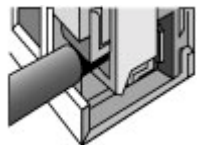




Screw Connectors for Printed Circuit Boards

TYPE 990-DS

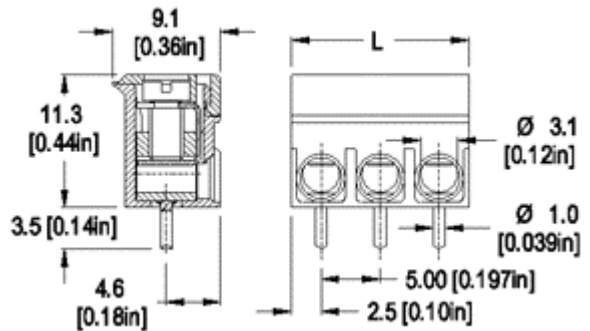
5 mm spacing - 2 to 28 poles



Elevator Style Clamping



RoHS WEEE Pb free compliant



Dimensions: mm (in.)

Length of Connector (L)

L = No. of Poles x Center to Center Spacing

Description

- Wire entrance parallel to PC Board
- Elevator-style clamping mechanism

When locating connector, allow 0.5 mm clearance around it for process-induced variations.

Technical Data

Center to Center Spacing: 5 mm (0.197 in.)
 Nominal Cross Section:
 1.5 mm² (2325 mils²)
 Wire Stripping Length: 6 mm (0.25 in.)
 Recommended Hole Diameter in PC Board:
 1.3 mm (0.051 in.)

Approval Information

UL File No. E69841

CSA File No. LR24322

Rating	Current(A)	Voltage(V)	Application group	AWG
UL	15	300	B,C	22-14
CSA	15	150	B,E	22-14

Screw Tightening Torque:

UL: 4.5 lbf·in

CSA: 0.51 Nm

International Approvals:



Rated Impulse Withstand Voltage: 2500 V

Material

Molding: Polyamide, UL 94, V-2, color black

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: 25%

Terminal Body: Tin plated copper alloy
Wire Protector: Stainless steel strip
Screw: M3, Slotted head, zinc plated blue passivated, steel substrate
Solder Pin: Ø 1.0 mm (0.04 in.), Tin plated copper alloy

Item

990-DS

Options

- CN: Consecutive Numbering (hot stamped numbers)
- SM: Special Marking (please provide sketch)
- G05: Gold Plating (5 micro inches)
- G30: Gold Plating (30 micro inches)
- S30: Silver Plating (30 micro inches)
- XXMM: Longer solder Pins up to 75 mm (3 in.)

Protruding length of pins, in millimeters:

Note: Plated component: terminal body

Ordering Note: Version with 10 mm spacing (992-DS).

Accessories

990-DS/

POLES:
02 to 28