

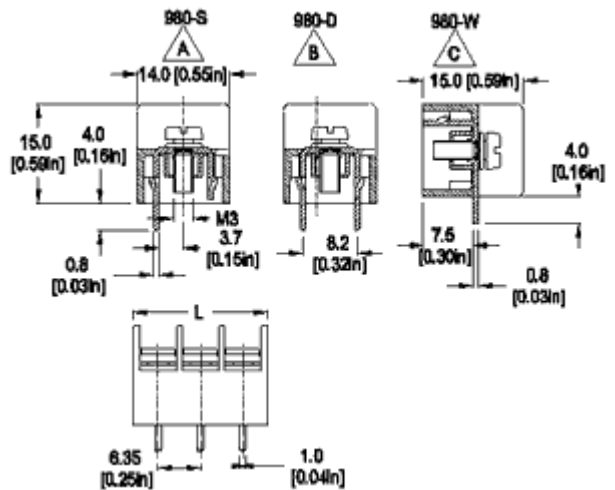


Screw and Tab Connectors for Printed Circuit Boards

TYPE 980-S /-D /-W
0.25 in. spacing - 2 to 32 poles



RoHS WEEE Pb free compliant (version S and W only)



Dimensions: mm (in.)

Length of Connector (L)

$$L = (\text{No. of Poles} \times \text{Center to Center Spacing}) + 1.25 \text{ mm}$$

(A) 1 pin per pole
(B) 2 pins per pole
(C) 1 pin per pole

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

Description

- barrier strip connector
- 1 or 2 PCB Pins per pole
- Allows two wires of the same size per contact from either direction

Technical Data

Center to Center Spacing: 6.35 mm (0.250 in.)
Nominal Cross Section: max. 2 x 0.75 mm² (2 x 1162 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	7	300	B,C	22-18
CSA	7	300	B,D,E	22-18

Screw Tightening Torque:

UL: 4.5 lbf·in
CSA: 0.51 Nm

Rated Impulse Withstand Voltage: 4000 V

Material

Molding: Polyamide, UL 94, V-2, 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: 25%

Terminal Body: Tin plated copper alloy

PCB Pin: 0.8 x 1.0 mm (0.03 x 0.04 in.), Tin plated copper alloy

Screw and Washer: M3, Sems slotted head, zinc plated blue passivated, steel substrate

Item 980-S /-D /-W

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)
- MH: With Mounting holes (for covers)
- CSS: Combi Sems Screws (Phillips/Slot Drive Screw + washer)

Note: Plated component: terminal body

Accessories

	WIRE ENTRY:	
	Parallel (1 pin per pole): S Parallel (2 pins per pole): D	POLES:
	Perpendicular (1 pin per pole): W	02 to 32
980-	<input style="width: 80px; height: 20px;" type="text"/>	/ <input style="width: 80px; height: 20px;" type="text"/>