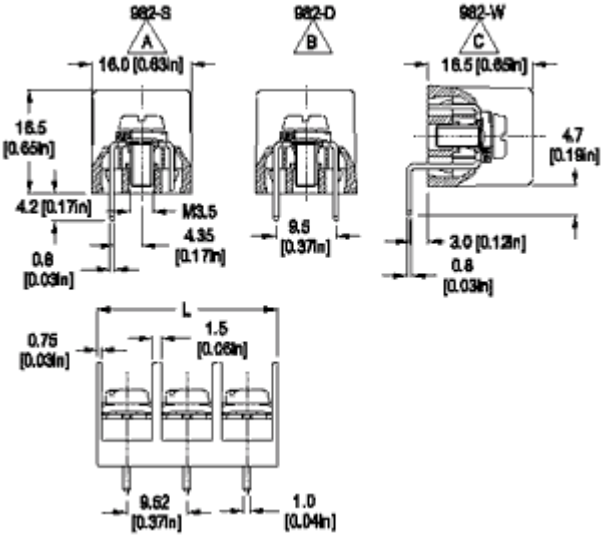
Screw and Tab Connectors for Printed Circuit Boards

TYPE 982-S /-D /-W

0.375 in. spacing - 2 to 26 poles

RoHS WEEE Pb free compliant



Dimensions: mm (in.)

Length of Connector (L)
L = No. of Poles x Center to Center Spacing
(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: 9.52 mm (0.375 in.)
Nominal Cross Section:
max. 2 x 2.50 mm^2 (2 x 3874 $mils^2$)
Wire Stripping Length: 8.5 mm (0.33 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	20	300	B,C	20-12
CSA	20	300	B,D,E	22-12

Screw Tightening Torque:
UL: 7.0 lfbin
CSA: 0.79 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: M3.5, Sems slotted head, zinc plated blue passivated, steel substrate
Pressure Plate: (for 982-S only), Zinc plated blue passivated or tin plated

Item **982-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)
- ☐ 10MM: Solder Pin length of 10 mm (0.39 in.)
- ☐ MH: With Mounting holes (for covers)
- ☐ CSS: Combi Sems Screws (Phillips/Slot Drive Screw + washer)
- ☐ MD: Base plate for additional insulation

Note: Plated component: terminal body 10 MM option is for 982-S and 982 -W only MD option is for 982-S only

Accessories

	WIRE ENTRY: Parallel (1 pin per pole): S Parallel (2 pins per pole): D Perpendicular (1 pin per pole): W		POLES: 02 to 26
982-		/	