



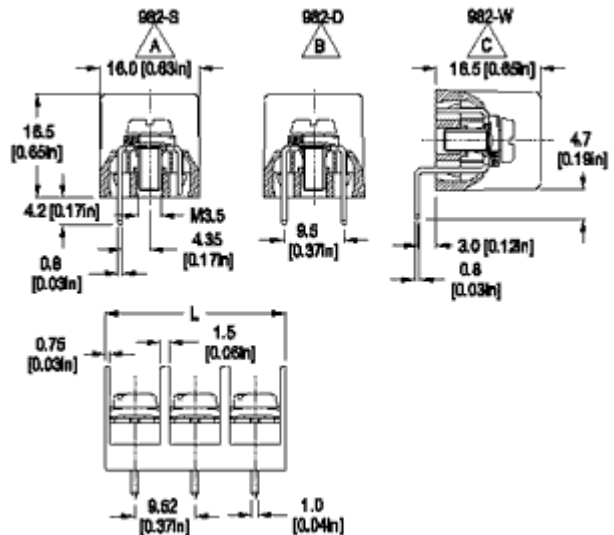
## Screw and Tab Connectors for Printed Circuit Boards

### 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)  
 $L = \text{No. of Poles} \times \text{Center to Center Spacing}$   
 (A) 1 pin per pole  
 (B) 2 pins per pole  
 (C) 1 pin per pole

### 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.  $2 \times 2.50 \text{ mm}^2$  ( $2 \times 3874 \text{ mils}^2$ )

**Wire Stripping Length:** 8.5 mm (0.33 in.)

**Recommended Hole Diameter in PC Board:**

1.3 mm (0.051 in.)

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

### 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 lbf·in

CSA: 0.79 Nm

**Rated Impulse Withstand Voltage:** 4000 V

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### 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

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### 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:                                                |   | POLES:               |
|      | Parallel (1 pin per pole): S Parallel (2 pins per pole): D |   | 02 to 26             |
|      | Perpendicular (1 pin per pole): W                          |   |                      |
| 982- | <input type="text"/>                                       | / | <input type="text"/> |