



Screw and Tab Connectors for Printed Circuit Boards

TYPE 983- (Z) S / D / W

10 mm spacing - 2 to 26 poles



Distributor Stock Check



RoHS WEEE Pb free surface compliant

Description

- Barrier strip connector
- With or without back barrier
- 1 or 2 PCB Pins per pole
- Allows two wires of the same size per contact from either direction
- Block is offered with or without back barrier (see How to Order (Z) for more detail)

Technical Data

Center to Center Spacing: 10 mm (0.394 in.)

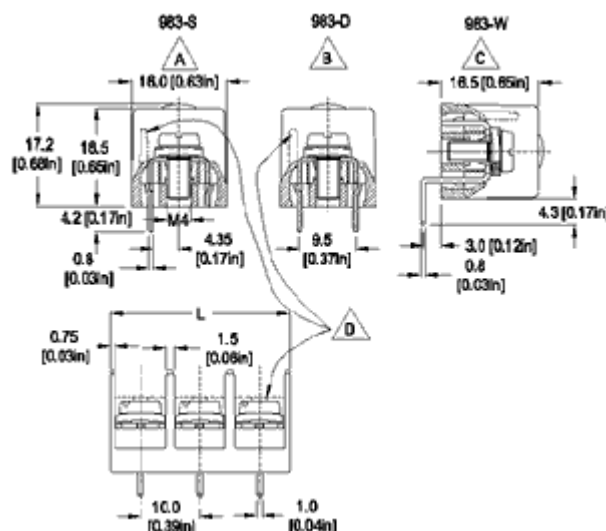
Nominal Cross Section:

2 x 2.5 mm² (2 x 3874 mils²)

Wire Stripping Length: 8.5 mm (0.33 in.)

Recommended Hole Diameter in PC Board:

1.3 mm (0.051 in.)



Dimensions: mm (in.)

L = 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

(D) Version Z have back barriers

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	22-10

* AWG 22-18 recommend the semi slotted head in the options

Screw Tightening Torque:

UL: 10.0 lbf·in

CSA: 1.13 Nm

Rated Impulse Withstand Voltage: 6000 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: M4, Nickel plated, steel, combi sems screws

Item983- (Z) 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)
- ☐ CS: Captive Screws
- ☐ YC: Slotted head, zinc plated blue passivated, steel substrate

Note: Plated component: terminal body 10MM for Types 983-S /-D only

Accessories

BACK BARRIER: with: Z	Parallel (1 pin per pole): S	WIRE ENTRY: Parallel (2 pins per pole): D Perpendicular (1 pin per pole): W	POLES: 02 to 26
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