



PRODUCT SEARCH

983-ZD/03-MH

e.g.20.874.002

PRODUCTS

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PRODUCTS



CROSS-REFERENCE

**Screw and Tab Connectors for Printed Circuit Boards**

**TYPE 983- (Z) S / D / W**

10 mm spacing - 2 to 26 poles

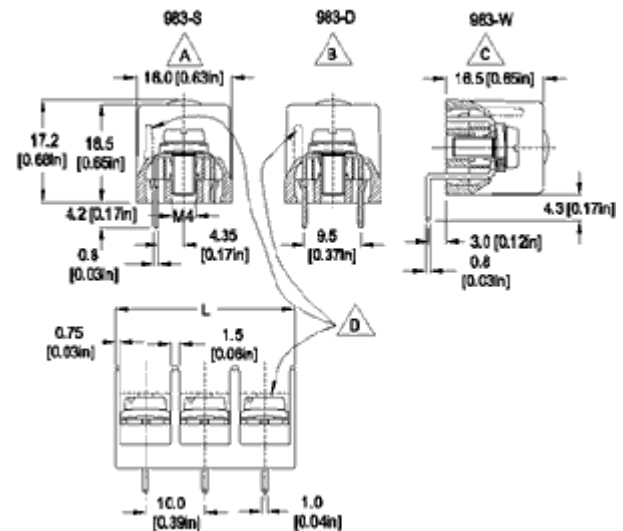


Distributor Stock Check

Series	Download PDF	3D Model	Can plug with	How to order	Color specifications	Print
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RoHS WEEE Pb free surface 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  
 (D) Version Z have back barriers

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

**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 mm<sup>2</sup> (2 x 3874 mils<sup>2</sup>)  
**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	22-10

\* AWG 22-18 recommend the sems 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 ≥ 600V

**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

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**How to order**

**Item** — **983- (Z) S /D /W**

**Options**

- G05: Gold Plating (5 micro inches)
- CN: Consecutive Numbering (hot stamped numbers)
- SM: Special Marking (please provide sketch)
- PS: Zinc plated clear Passivated, steel substrate
- 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

**Request sample**

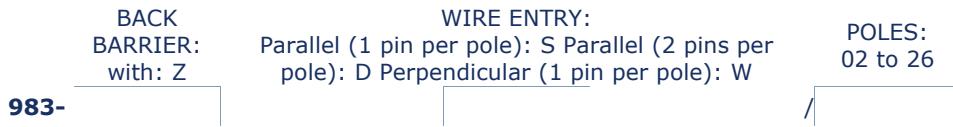
**Request quote**

Quantity

**Accessories**

[BST Self Adhesive Marking Strips. Consecutively numbered.](#)  
[Covers and BEF Retaining Clips, Series 98-A.](#)

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



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