



PRODUCT SEARCH

976-DS/02

e.g.20.874.002

PRODUCTS

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PRODUCTS



CROSS-REFERENCE

**Screw Connectors for Printed Circuit Boards**

**TYPE 976 (-DS)**

7.5 mm spacing - 2 and 3 poles

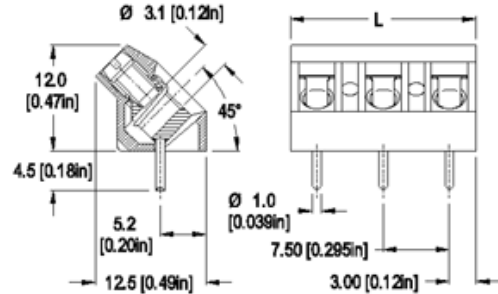


Distributor Stock Check

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) - 1.5 mm

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

**Description**

Can be installed anywhere on PCB without wires or screws interfering with the rest of PCB. Can be located next to each other back-to-back, front-to-front and front-to-back. The screws and wire entries are easily visible, accessible and usable, an ergonomic advantage.

- Solid version
- Wire entrance at 45° angle to PC Board
- End-to-end stackable while maintaining the 5 mm spacing.

**Technical Data**

**Center to Center Spacing:** 7.5 mm (0.295 in.)

**Nominal Cross Section:** 2.5 mm<sup>2</sup> (3874 mils<sup>2</sup>)

**Wire Stripping Length:** 6.5 mm (0.26 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	15	300	B,C	26-12
CSA	15	300	B,D,E	22-10

\* Version DS is CSA certified for 26-10 AWG.

UL: 24-26 AWG range for factory wiring only.

**Screw Tightening Torque:**

UL: 4.5 lbfin

CSA: 0.51 Nm

**International Approvals:**



**Rated Impulse Withstand Voltage:** 6000 V

**Material**

**Molding:** Polyamide, self extinguishing UL 94, V-0, 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:** 32%

**Terminal Body:** Tin plated copper alloy

**Wire Protector:** Tin plated copper alloy

**Screw:** M3, Slotted head, zinc plated clear passivated, steel substrate

**Solder Pin:** Ø 1.0 mm (0.04 in.), Tin plated copper alloy

## How to order

**Item** — 976 (-DS)

**Options**

- CN: Consecutive Numbering (hot stamped numbers)
- SM: Special Marking (please provide sketch)
- G05: Gold Plating (5 micro inches)
- G30: Gold Plating (30 micro inches)
- S30: Silver Plating (30 micro inches)
- XXMM: Longer solder Pins up to 75 mm (3 in.)  
Protruding length of pins, in millimeters:
  - BS: Copper Alloy Screw

- Request sample**
- Request quote**

Quantity | 1

**Accessories**

[BST Self Adhesive Marking Strips. Consecutively numbered.](#)

**Note:** Plated component: terminal body

**976**

WIRE PROTECTOR:  
with: - DS

POLES:  
02 and 03

[Add to shopping cart](#)

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