



PRODUCT SEARCH

976-DS/02

e.g.20.874.002

PRODUCTS

COMPANY

CONTACT US

SUPPORT

SITE MAP

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
--------	--------------	----------	---------------	--------------	----------------------	-------



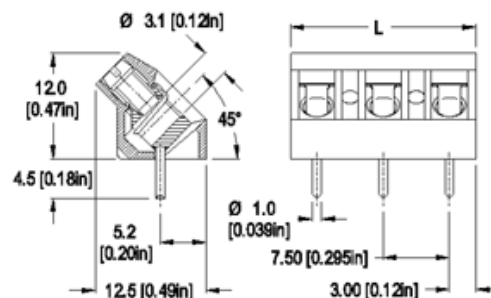
RoHS WEEE Pb free surface compliant

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 mm² (3874 mils²)**Wire Stripping Length:** 6.5 mm (0.26 in.)**Recommended Hole Diameter in PC Board:** 1.3 mm (0.051 in.)

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.

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 lbf·in

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

[Top of page](#)

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

Note: Plated component: terminal body

- ☒ **Request sample**
- ☐ **Request quote**

Quantity

Accessories

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

976

WIRE PROTECTOR:
with: - DS

POLES:
02 and 03

/

[Add to shopping cart](#)

2008, WECO Electrical Connectors Inc.

ISO 9001 registered quality management system