



PRODUCT SEARCH

974-DS/08

Re.g.20.874.002

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Screw Connectors for Printed Circuit Boards

TYPE 974 (-DS)

5 mm spacing - 2 to 26 poles

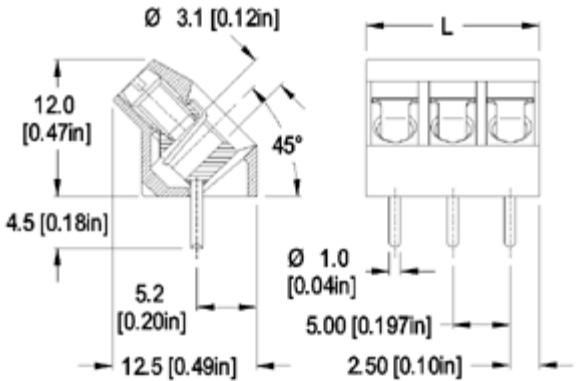


Distributor Stock Check

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

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,D	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:



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: 5 mm (0.197 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.)

Rated Impulse Withstand Voltage: 2500 V

Material

- Version:** 2 to 8 poles
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%
- Version:** 9 to 26 poles
Molding: Polyamide (glass fiber reinforced), self extinguishing UL 94, V-0, color grey
Temperature limits:
Short Time: 200°C (392°F)
Continuous: RTI 105°C (221°F)
Low Limit: -40°C (-40°F)
Comparative Tracking Index: CTI > 175
Oxygen Index Rating: 33%
- 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

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How to order

Item 974 (-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:

Note: Plated component: terminal body

Ordering Note: Version with 10 mm spacing (975 (-DS)).

- ☒ Request sample
- ☐ Request quote

Quantity 1

Accessories
[BST Self Adhesive Marking Strips. Consecutively numbered.](#)
[Jumper, Type 970-J1.](#)
[Jumper, Type 970-J2.](#)

974

WIRE PROTECTOR: POLES:
with: - DS 02 to 26

Add to shopping cart