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940-DS/07

ARTICLE NUMBER e.g.20.874.002

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Screw Connectors for Printed Circuit Boards

TYPE 940 (-DS)

0.2 in. spacing - 2 to 32 poles


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Series	Download PDF	3D Model	Can plug with	How to order	Color specifications	Print
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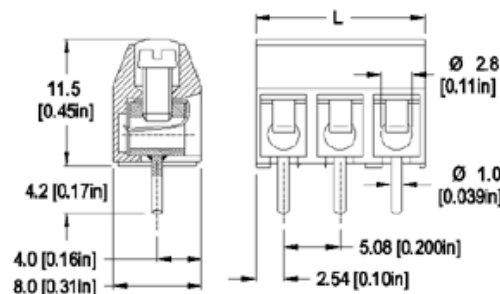


RoHS WEEE Pb free surface compliant

Description

- Solid version
- Low profile
- Wire entrance parallel to PC Board

Technical Data

Center to Center Spacing: 5.08 mm (0.200 in.)**Nominal Cross Section:** 1.5 mm² (2325 mils²)**Wire Stripping Length:** 6 mm (0.25 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

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	26-14
CSA	15	300	B	26-12

* Version DS is CSA certified for 26-14 AWG.

Screw Tightening Torque:

UL: 3.5 lbf·in

CSA: 0.4 Nm

International Approvals:


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 32 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: M2.6, Slotted head, zinc plated blue passivated, steel substrate
Solder Pin: Ø1.0 mm (0.04 in.), Tin plated copper alloy

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How to order

Item — **940 (-DS)**

Options

- ☐ CN: Consecutive Numbering (hot stamped numbers)
- ☐ SM: Special Marking (please provide sketch)
- ☐ BS: Copper Alloy Screw
- ☐ PS: Zinc plated clear Passivated, steel substrate
- ☐ 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: _____

☒ **Request sample**

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Quantity

Accessories

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

Note: Plated component: terminal body

Ordering Note: Voltage rating for 0.4 in. spacing is UL certified for 15A - 300V / B and for 10A - 300V / D (942 (-DS)).

940

WIRE PROTECTOR:
with: - DS

POLES:
02 to 32

/

Add to shopping cart

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ISO 9001 registered quality management system