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PRODUCT SEARCH

940-DS/07
ARTICLE NUMBER e.g.20.874.002

PRODUCTS



CROSS-REFERENCE

Screw Connectors for Printed Circuit Boards

TYPE 940 (-DS)

0.2 in. spacing - 2 to 32 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

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

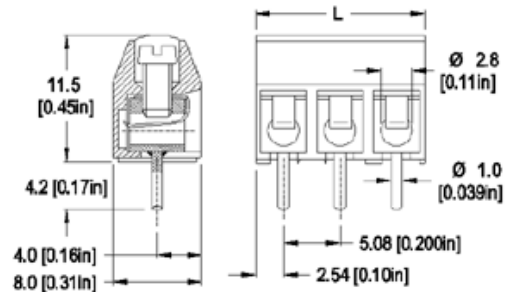
Technical Data

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**
- Request quote**

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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