Screw Connectors for Printed Circuit Boards

TYPE 970-T (-DS)
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 compliant

Dovetail Interlocking Feature

Dimensions: mm (in.)

Length of Connector (L)
L = No. of Poles x Center to Center Spacing
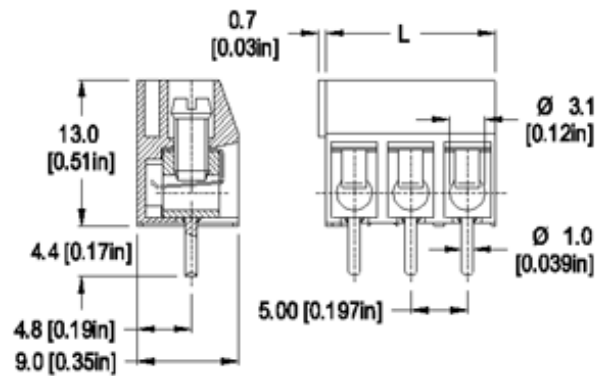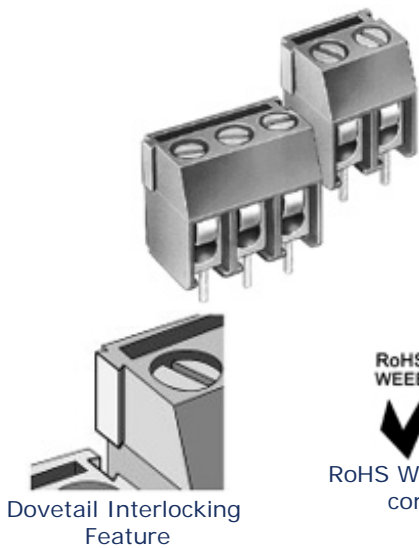
When locating connector, allow 0.5 mm clearance around it for process-induced variations.

Description

- Dovetail version
- Wire entrance parallel to PC Board
- Can be factory, field or distributor assembled to almost any length

Technical Data

Center to Center Spacing: 5 mm (0.197 in.)
Nominal Cross Section:
2.5 mm^2 (3874 mils^2)
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	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 lfbin
CSA: 0.51 Nm
International Approvals:

(S)

Rated Impulse Withstand Voltage: 2500 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 > 600
Oxygen Index Rating: 32%

Screw: M3, Slotted head, zinc plated blue passivated, steel substrate
Solder Pin: Ø 1.0 mm (0.04 in.), Tin plated copper alloy
Terminal Body: Tin plated copper alloy
Wire Protector: Tin plated copper alloy

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How to order

Item   **970-T (-DS)**

Options
CN: Consecutive Numbering (hot stamped numbers)

SM: Special Marking (please provide sketch)

PS: Clear Chromate Passivated, zinc plated, Steel Screws

WG: Wire Guide

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

	WIRE PROTECTOR: with: - DS	POLES: 02 and 03
970-T		/

Request sample

Request quote

Quantity

Accessories
BST Self Adhesive Marking Strips.
Consecutively numbered.
Jumper, Type 970-J1.
Jumper, Type 970-J2.

Add to shopping cart