

Screw Connectors for Printed Circuit Boards

TYPE 970-T (-DS) 5 mm spacing - 2 and 3 poles

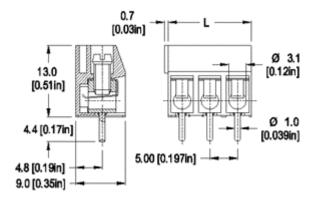






compliant

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

Approval Information

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UL File No.E69841 N
CSA File No.LR24322
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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:



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

Item	20-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 Screws 		

Note: Plated component: terminal body

Accessories

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

970-T