

Screw Connectors for Printed Circuit Boards

TYPE 978-T (-DS)

5 mm spacing - 2 and 3 poles





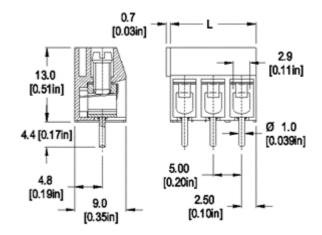
Enlarged clamping area



Dovetail Interlocking Feature



Pb free 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.

Description

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

Approval Information

UL File No.E69841 🕦 CSA File No.LR24322

	Rating	Current(A)	Voltage(V)	Application group	AWG	
ì	UL	20	300	B,D	26-12	
	CSA	20	300	B,D,E	22-10	

* Version DS is CSA certified for 26-10 AWG. UL: 24-26 AWG range for factory wiring only.

Technical Data

Center to Center Spacing: 5 mm (0.197 in.) **Nominal Cross Section:**

4 mm² (6199 mils²)

Wire Stripping Length: 6.5 mm (0.26 in.) Recommended Hole Diameter in PC Board:

1.3 mm (0.051 in.)

Screw Tightening Torque:

UL: 4.5 Ifbin 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%

Terminal Body: Tin plated copper alloy **Wire Protector**: Tin plated copper alloy

Screw: M3, Slotted head, zinc plated blue passivated,

steel substrate

Solder Pin: Ø 1.0 mm (0.04 in.), Tin plated copper

alloy

Item	978-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 compo	nent: terminal body		
Accessories			
978-T	WIRE PROTECTOR: with: - DS / / / POLES: 02 and 03		