

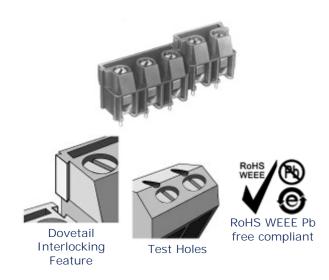
Screw Connectors for Printed Circuit Boards

TYPE 977-T (-DS)

7.5 mm spacing - 2 and 3 poles



Distributor Stock Check



Description

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

Technical Data

Center to Center Spacing: 7.5 mm (0.295 in.) Nominal Cross Section:

2.5 mm² (3874 mils²)

Wire Stripping Length: 7 mm (0.28 in.) Recommended Hole Diameter in PC Board:

1.3 mm (0.051 in.)

2.2x 2.2 [0.09x 0.09in] 0.7 [0.03in] 0.7 [0.03in] 0.51in] 4.4 [0.17in] 4.2 [0.17in] 4.2 [0.17in] 3.75 [0.15in]

Dimensions: mm (in.)

Length of Connector (L)
L = No. of Poles x Center to Center Spacing
(A) Test hole

When locating connector, allow 0.5 mm clearance around it for process-induced variations.

Approval Information

UL File No.E69841 NCSA File No.LR24322

Rating	Current(A)	Voltage(V)	Application group	AWG	
· UL	15	300	B,C	26-12	ì
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 Ifbin CSA: 0.51 Nm

International Approvals:



Rated Impulse Withstand Voltage: 6000 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	977-T (-DS)		
Options	CN: Consecutive Numbering (hot stamped numbers) SM: Special Marking (please provide sketch) PS: Clear Chromate Passivated, zinc plated, Steel Screws 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 compor			
Accessories			
977-T	WIRE PROTECTOR: with: - DS / / / / / / / / / / / / /		