

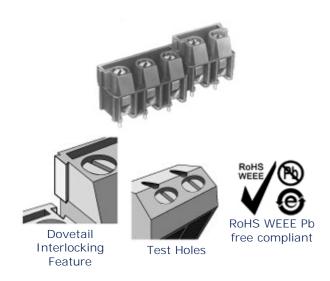
# Screw Connectors for Printed Circuit Boards

# 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

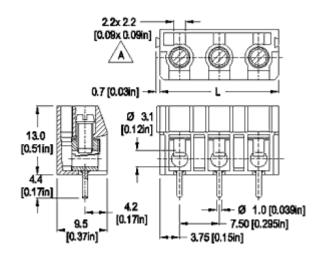
# **Technical Data**

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

2.5 mm<sup>2</sup> (3874 mils<sup>2</sup>)

Wire Stripping Length: 7 mm (0.28 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
(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

R	Rating	Current(A)	Voltage(V)	Application group	AWG
· U	JL	15	300	B,C	26-12
С	SA	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  /  /  /  /  /  /  /  /  /  /  /  /  /		