



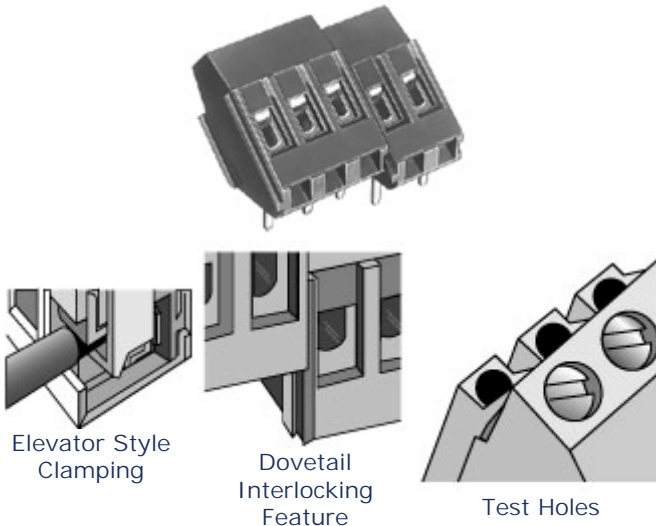
## Screw Connectors for Printed Circuit Boards

### TYPE 150-C-111

5 mm spacing - 2 to 24 poles



Distributor Stock Check



Elevator Style Clamping

Dovetail Interlocking Feature

Test Holes



RoHS WEEE Pb free compliant

### Description

Can be installed anywhere on PCB without wires or screws interfering with the rest of PCB. Can be located next to each other back-to-back, front-to-front and front-to-back. The screws and wire entries are easily visible, accessible and usable, an ergonomic advantage.

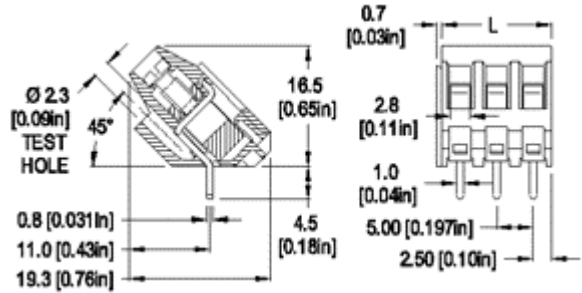
- Dovetail version
- Wire entrance at 45° angle to PC Board
- With test holes
- Elevator-style clamping mechanism
- Can be installed anywhere on PCB without wires or screws interfering with other components
- The 2 and 3 poles units can be factory, field or distributor assembled to almost any number of poles.

### Technical Data

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

**Nominal Cross Section:**

2 x 2.5 mm<sup>2</sup> (2 x 3874 mils<sup>2</sup>) solid wire 1 x 4 mm<sup>2</sup> (1 x 6200 mils<sup>2</sup>) solid wire



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.

### Approval Information

UL File No. E69841

CSA File No. LR24322

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

\* UL: 24-26 AWG range for factory wiring only.

### Screw Tightening Torque:

UL: 4.5 lbf·in

CSA: 0.51 Nm

**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:** 33%

6199 mils<sup>2</sup>) stranded wire

**Wire Stripping Length:** 8 mm (0.31 in.)

**Recommended Hole Diameter in PC Board:**

1.4 mm (0.055 in.)

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**Terminal Body:** Nickel plated copper alloy

**Solder Pin and Pressure Plate:** Tin plated copper alloy

**Screw:** M3, Slotted head, zinc plated blue passivated, steel substrate

**Solder Pin:** 1.0 mm x 0.8 mm (0.04 in. x 0.03 in.),

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**Item**

**150-C-111**

**Options**

- CN: Consecutive Numbering (hot stamped numbers)
- SM: Special Marking (please provide sketch)
- BS: Copper Alloy Screws
- G05: Gold Plating (5 micro inches)
- G30: Gold Plating (30 micro inches)
- S30: Silver Plating (30 micro inches)

**Note:** Plated components: solder pin and pressure plate

**Ordering Note:** To order factory assembled specify the number of poles required.

**Accessories**

150-C-111/

POLES:  
02 to 24