



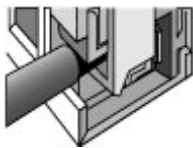
Screw Connectors for Printed Circuit Boards

TYPE 140-E-111

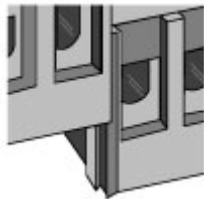
5 mm spacing - 2 to 24 poles



Distributor Stock Check



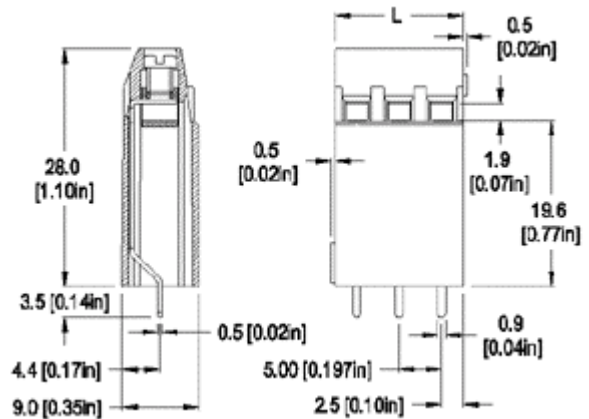
Elevator Style
Clamping



Dovetail
Interlocking
Feature



RoHS WEEE
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

Type 140-E-111 terminal block has been specially designed to allow effective potting of PC boards. The molding design prevents seepage of the potting material into the wire clamping area up to 19 mm (0.75 in.) from the board.

- Dovetail version
- High clearance above PCB
- Wire entrance parallel to PC Board
- 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.

Approval Information

UL File No.E69841

CSA File No.LR24322

Rating	Current(A)	Voltage(V)	Application group	AWG
UL	10	300	B,C,D	30-14
CSA	15	300	B	30-14

* UL: 20A range for factory wiring only.

Screw Tightening Torque:

UL: 4.5 lbf·in

CSA: 0.51 Nm

Rated Impulse Withstand Voltage: 2500 V

Technical Data

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

Nominal Cross Section:

1.5 mm² (2325 mils²)

Material

Molding: Polyamide, self extinguishing UL 94, V-0, color grey

Temperature limits:

Wire Stripping Length: 6 mm (0.25 in.)
Recommended Hole Diameter in PC Board:
1.2 mm (0.047 in.)

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%

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: 0.9 mm x 0.5 mm (0.04 in. x 0.02 in.),

Item **140-E-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

140-E-111 /

POLES:
02 to 24