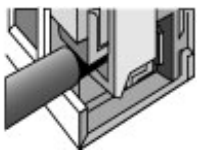




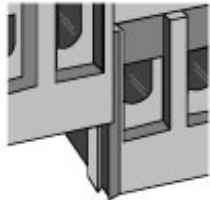
## Screw Connectors for Printed Circuit Boards

### TYPE 140-A-121

5 mm spacing - 2 to 24 poles



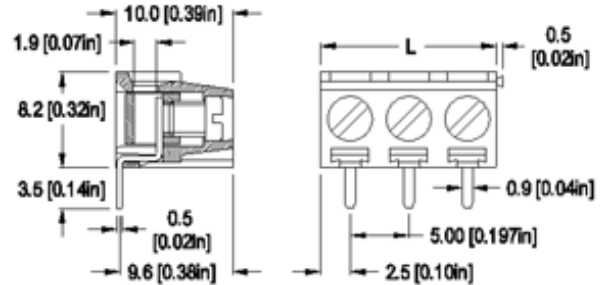
Elevator Style Clamping



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

- Dovetail version
- Wire entrance perpendicular to PC Board
- Elevator-style clamping mechanism
- Can be factory, field or distributor assembled to almost any length

## Technical Data

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

**Nominal Cross Section:**

1.5 mm<sup>2</sup> (2325 mils<sup>2</sup>)

**Wire Stripping Length:** 6 mm (0.25 in.)

**Recommended Hole Diameter in PC Board:**

1.2 mm (0.047 in.)

## 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

## 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%

**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.),