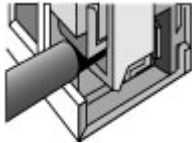


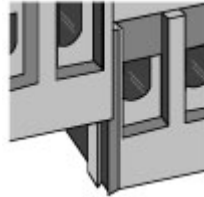


Part Number: 140-A-111/02 (5 mm spacing – 2 to 24 poles)

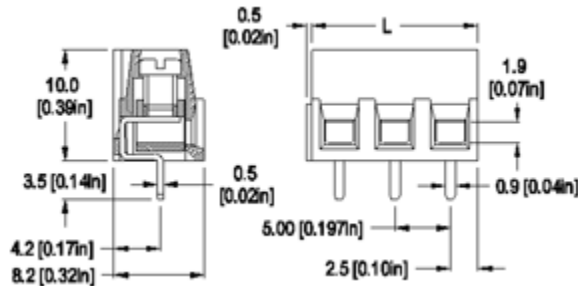
### Screw Connectors for Printed Circuit Boards



Elevator Style  
Clamping



Dovetail Interlocking  
Feature



**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

- Header
- Dovetail version
- Wire entrance parallel 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.)

## **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.),