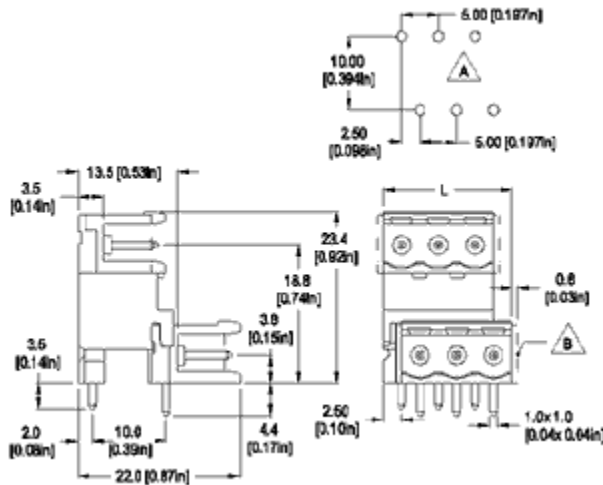




**Part Number: 120-M-251/48-K (5mm spacing – 4 to 48 poles)**

**Plug-in Screw Connector System for Printed Circuit Boards**



**Dimensions:** mm (in.)

Length of Connector (L)

$$L = (\text{No. of Poles} \times \text{Center to Center Spacing} / 2) + 2.5 \text{ mm}$$

(A) PCB hole layout

(B) Side walls for 120-M-251 only

When locating connector, allow 0.5 mm clearance around it for process-induced variations.

**Description**

- Header
- Double level
- Plug-In Direction and Wire Entrance Parallel to PCB when plugged with 120-A-111
- Plug-In Direction Parallel to PCB and Wire Entrance Perpendicular to PCB when plugged with 120-D-121, 120-D-111
- Back row offset to the left
- With or without Sidewalls

## **Technical Data**

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

**Recommended Hole Diameter in PC Board:** 1.4 mm (0.055 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%

**Solder Pin:** 1 x 1 mm (0.04 x 0.04 in.), Tin plated copper alloy