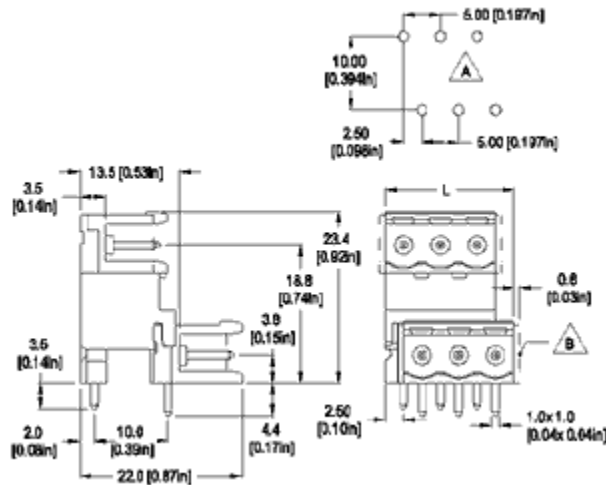




Part Number: **120-M-251/48-K** (5mm spacing – 4 to 48 poles)

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