



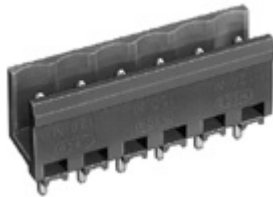
Plug-in Screw Connector System for Printed Circuit Boards



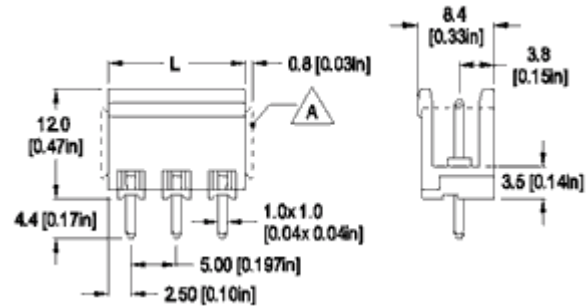
TYPE 120-M-121 /-221
5 mm spacing - 2 to 24 poles



Distributor Stock Check



120-M-121

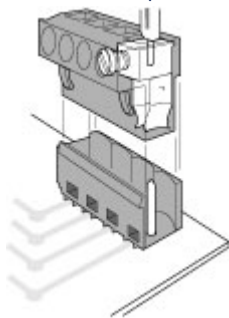


Dimensions: mm (in.)

Length of Connector (L)
L = No. of Poles x Center to Center Spacing
(A) Side walls for 120-M-221 only

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

One possible variation of assembly



RoHS WEEE Pb free compliant

Approval Information

UL File No. E69841

CSA File No. LR24322

Rating	Current(A)	Voltage(V)	Application group	AWG
UL	15	300	B	
UL	10	300	D	
CSA	10	300	B,D,E	

International Approvals:



Rated Impulse Withstand Voltage: 2500 V

Description

- Header
- Plug-In Direction Perpendicular to PCB and Wire Entrance Parallel to PCB when plugged with 120-D-111, 120-D-121
- Plug-In Direction and Wire Entrance Perpendicular to PCB when plugged with 120-A-111

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)

Technical Data

Center to Center Spacing: 5 mm (0.197 in.)
Recommended Hole Diameter in PC Board:
1.4 mm (0.055 in.)

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

Illustration



Coding keys 120-K are available to prevent the insertion of the wrong plug into a header. These are usually field inserted but can be factory installed if required.

Item

120-M-121 /-221

Options

- CN: Consecutive Numbering (hot stamped numbers)
- SM: Special Marking (please provide sketch)
- G05: Gold Plating (5 micro inches)
- G30: Gold Plating (30 micro inches)
- S30: Silver Plating (30 micro inches)
- 14.5MM: Solder Pin length of 14.5 mm
- PY: Poka Yoke Terminal Blocks

Note: Plated component: solder pin

Ordering Note: Voltage rating for 10 mm spacing is UL certified for 15A - 300V / C and for 5A - 600V / D and CSA certified for 600 / D,E (120-M-122 /-222).

Accessories

	SIDEWALLS: without: 1 with: 2		POLES: 02 to 24
120-M-	<input type="text"/>	21/	<input type="text"/>