



# Plug-in Screw Connector System for Printed Circuit Boards



## TYPE 121-M-111 /-211

0.2 in. spacing - 2 to 24 poles



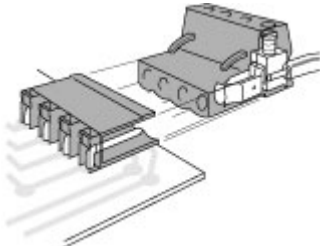
Distributor Stock Check



121-M-111



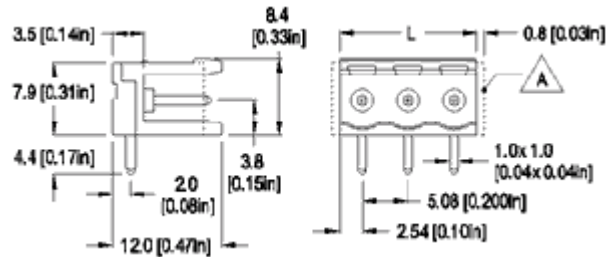
One possible variation of assembly



Typical Application



RoHS WEEE Pb free compliant



Dimensions: mm (in.)

Length of Connector (L)

L = No. of Poles x Center to Center Spacing

(A) Side walls for 121-M-211 only

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

### Approval Information

UL File No. E69841



CSA File No. LR24322



### Description

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

### Technical Data

Center to Center Spacing: 5.08 mm (0.200 in.)

Recommended Hole Diameter in PC Board:

1.4 mm (0.055 in.)

### Illustration



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

### 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

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** **121-M-111 /-211**

**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)
- 18.5MM: Solder Pin length of 18.5 mm

**Note:** Plated component: solder pin

**Ordering Note:** Voltage rating for 0.4 in. spacing is UL certified for 15A - 300 / C and for 5A - 600 / D and CSA certified for 600 / D,E (121-M-112 /-212).

**Accessories**

	SIDEWALLS: without: 1 with: 2		POLES: 02 to 24
121-M-	<input style="width: 80px; height: 20px;" type="text"/>	11/	<input style="width: 80px; height: 20px;" type="text"/>