



Plug-in Screw Connector System for Printed Circuit Boards



TYPE 121-A-111

0.2 in. spacing - 2 to 24 poles



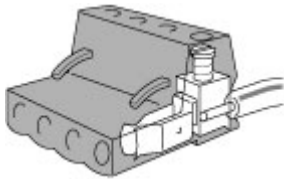
Distributor Stock Check



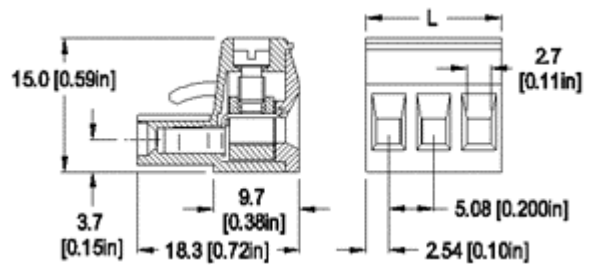
121-A-111



One possible variation of assembly



RoHS WEEE Pb free compliant



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.

Approval Information

UL File No.E69841

CSA File No.LR24322

Rating	Current(A)	Voltage(V)	Application group	AWG
UL	15	300	B	26-12
UL	10	300	D	26-12
CSA	10	300	B,D,E	26-12

* UL: 24-26 AWG range for factory wiring only.

Screw Tightening Torque:

UL: 4.5 lbf·in

CSA: 0.51 Nm

International Approvals:



Rated Impulse Withstand Voltage: 2500 V

Description

- Plug
- Plug-In Direction and Wire Entrance Parallel to PCB when plugged with 121-M-111 /-211, 121-M-151 /-251, 121-M-153 /-253 and 121-M-181 /-281
- Plug-In Direction Perpendicular to PCB and Wire Entrance Parallel to PCB when plugged with 121-M-121 /-221, 121-M-161 /-261, 121-M-163 /-263

Technical Data

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

Nominal Cross Section:

2.5 mm² (3874 mils²)

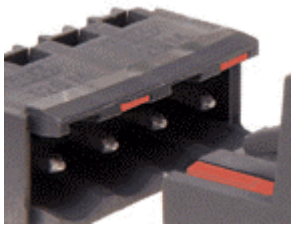
Wire Stripping Length: 7 mm (0.28 in.)

Illustration



Material

Molding: Polyamide, self extinguishing UL 94, V-0, color grey



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.

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
Wire Protector and Contact Spring: Tin plated copper alloy
Screw: M3, Slotted head, zinc plated blue passivated, steel substrate

Item **121-A-111**

Options

- ☐ CN: Consecutive Numbering (hot stamped numbers)
- ☐ SM: Special Marking (please provide sketch)
- ☐ BS: Copper Alloy Screws
- ☐ PS: Clear Chromate Passivated, zinc plated, Steel Screws
- ☐ G05: Gold Plating (5 micro inches)
- ☐ G30: Gold Plating (30 micro inches)
- ☐ S30: Silver Plating (30 micro inches)
- ☐ SRF: Strain Relief (available for 2 to 8 poles only)

Note: Plated component: contact spring

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

Accessories

121-A-111 /

POLES:
02 to 24