

Plug-in Screw Connector System for Printed Circuit Boards

TYPE 121-A-111

0.2 in. spacing - 2 to 24 poles



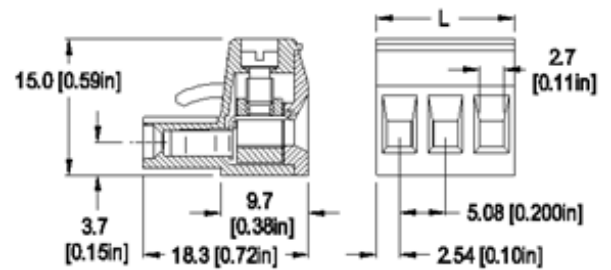
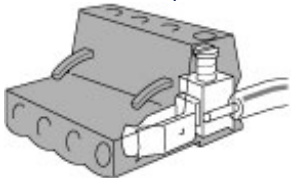
Series	Download PDF	3D Model	Can plug with	How to order	Color specifications	Print
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121-A-111



One possible variation of assembly



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



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.

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%

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

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How to order

Item 121-A-111

Options

CN: Consecutive Numbering (hot stamped numbers)

SM: Special Marking (please provide sketch)

BS: Copper Alloy Screw

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).

121-A-111/

POLES:
02 to 24

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Quantity

Accessories

[BST Self Adhesive Marking Strips.](#)

[Consecutively numbered.](#)

[Jumper, Type 970-J1.](#)

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