

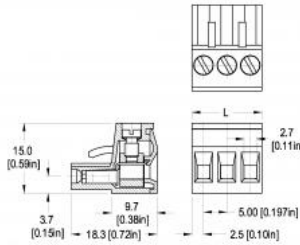


PLUG-IN SCREW CONNECTOR SYSTEM FOR PRINTED CIRCUIT BOARDS

120-A-111

5.00 mm (0.197 in) Spacing - 2 - 24 poles

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Dimensions: mm (in.)

Length of Connector (L)

ZOOM

L = No. of Poles x Center to Center Spacing

[distributor stock check](#)

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Description

Plug

Technical Data

Center to Center Spacing: 5 mm (0.197 in.)

Nominal Cross Section: 2.5 mm² (3874 mils²)

Wire Stripping Length: 7 mm (0.28 in.)

Bill of Materials

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 V

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



Visual Description

RoHS WEEE Pb free surface compliant



Approval Information



UL File No. [E69841](#) | CSA File No. [LR24322](#)

	TYPE (Spacing)	Current (A)	Voltage (V)	Application Group	AWG	Screw Tightening Torque
	120-A-111	15	300	B	26-12	4.5 lbfin
	5.0 mm	10	300	D	26-12	4.5 lbfin
	120-A-111	15	300	B	26-12	0.51 Nm
	5.0 mm	10	300	D, E	26-12	0.51 Nm

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

Alternative Approval Information

UL File No. [E69841](#) | CSA File No. [LR24322](#)

	TYPE (Spacing)	Current (A)	Voltage (V)	Application Group	AWG	Screw Tightening Torque
	120-A-112	15	300	C		
	10.0 mm	5	600	D		
	120-A-112	15	300	B		
	10.0 mm	5	600	D, E		

International Approval Information

Rated Impulse Withstand Voltage : 2500 V

Plug-In Direction and Wire Entrance Parallel to PCB

Plug-In Direction and Wire Entrance Perpendicular to PCB

	TYPE 120-M-111 /-211 5.00 mm spacing - 2 - 24 poles		TYPE 120-M-121 /-221 5.00 mm spacing - 2 - 24 poles
	TYPE 120-M-151 /-251 5.00 mm spacing - 4 - 48 poles		TYPE 120-M-161 /-261 5.00 mm spacing - 4 - 48 poles
	TYPE 120-M-153 /-253 5.00 mm spacing - 4 - 48 poles		TYPE 120-M-163 /-263 5.00 mm spacing - 4 - 48 poles
	TYPE 120-M-181 /-281 5.00 mm spacing - 2 - 24 poles		TYPE 120-M-191 /-291 5.00 mm spacing - 2 - 24 poles
	TYPE 120-M-211-THR 5.00 mm spacing - 2 - 24 poles		TYPE 120-M-221-SMD 5.00 mm spacing - 2 - 24 poles
	TYPE 120-M-217 5.00 mm spacing - 2 - 22 poles		TYPE 120-M-221-THR 5.00 mm spacing - 2 - 24 poles
	TYPE 120-M-311 /-411 5.00 mm spacing - 2 - 24 poles		TYPE 120-M-227 5.00 mm spacing - 2 - 22 poles

Please fill in the How to Order box

- Request Sample Quantity
- Request Quote Quantity

120-A-11

Spacing:
Poles:

Accessories

[BST Self Adhesive Marking Strips, Consecutively numbered, Jumper, Type 970-J1.](#)

OPTIONS:

- BS: Copper Alloy Screw
- CN: Consecutive Numbering (hot stamped numbers)
- G05:;ld Plating (5 micro inches)
- G30:;ld Plating (30 micro inches)
- PS: Zinc plated clear Passivated, steel substrate
- S30: Silver Plating (30 micro inches)
- SM: Special Marking (please provide sketch)
- SRF: Strain Relief (available for 2 to 8 poles only)
- WG: Wire Guide

ADD TO CART