

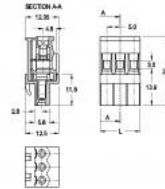


PLUG-IN SCREW CONNECTOR SYSTEM FOR PRINTED CIRCUIT BOARDS

120-D-111

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

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Description

Plug

Retention clips on opposite side from wire entry

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.

Technical Data

Center to Center Spacing: 5.000 mm (0.197 in)

Nominal Cross Section: 2.5 mm² (3875 mils²)

Wire Stripping Length: 7.000 mm (0.276 in)

Bill of Materials

Molding : Polyamide, Self extinguishing UL 94, V-0

Color : Grey

Temperature limits : Short Time : 140 °C (284 °F)

Continuous : 105 °C (221 °F)

Low Limit : -40 °C (-40 °F)

Comparative Tracking Index : CTI ≥ 600 V

Oxygen Index Rating : 33 %

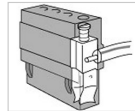
Terminal Body: Nickel plated copper alloy

Wire Protector and Contact Spring: Tin plated copper alloy

Screw: Slotted head, zinc plated blue passivated, steel substrate M3

Visual Description

Typical Application





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-D-111	15	300	B	26-12	4.5 lbfin
	5.0 mm	10	300	D	26-12	4.5 lbfin
	120-D-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-D-111	15	300	C		
	10.0 mm	5	600	D		
	120-D-111	15	300	B		
	10.0 mm	5	600	D, E		







International Approval Information




Rated Impulse Withstand Voltage : 2500 V

Plug-In Direction Perpendicular to PCB and Wire Entrance Parallel to PCB

Plug-In Direction Parallel to PCB and Wire Entrance Perpendicular to PCB

	TYPE 120-M-121 /-221 5.00 mm spacing - 2-24 poles
	TYPE 120-M-191 /-291 5.00 mm spacing - 2-24 poles
	TYPE 120-M-221-SMD 5.00 mm spacing - 2-24 poles
	TYPE 120-M-221-THR 5.00 mm spacing - 2-24 poles
	TYPE 120-M-227 5.00 mm spacing - 2-22 poles
	TYPE 120-M-227-SMD 5.00 mm spacing - 2-22 poles

	TYPE 120-M-111 /-211 5.00 mm spacing - 2-24 poles
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Please fill in the How to Order box

- Request Sample Quantity
- Request Quote Quantity

120-D-11

Spacing:

Select one

Poles:

Select one

OPTIONS:

- BS: Copper Alloy Screw
- CN: Consecutive Numbering (hot stamped numbers)
- G05: Gold Plating (5 micro inches)
- G30: Gold Plating (30 micro inches)
- PS: Zinc plated clear Passivated, steel substrate
- S30: Silver Plating (30 micro inches)
- SM: Special Marking (please provide sketch)

Accessories

[BST -3.50/ -5.00/ -5.08/ -7.50/ -10.00/ -10.16. Self Adhesive Marking Strips](#)
[970-J1. Jumper](#)

Notes

Plated component: contact spring

Ordering Notes

Voltage rating for 10 mm spacing is UL certified for 15A - 300V / C and for 5A - 600V / D and CSA certified for 15A-300V / B and for 5A-600 / D,E (120-D-112).

ADD TO CART