

TYPE 120-M-111 /-211

5 mm spacing - 2 to 24 poles



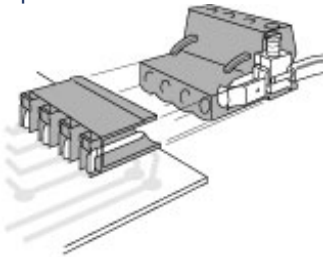
Series	Download PDF	Download DXF	Can plug with	How to order	Color specifications	Print
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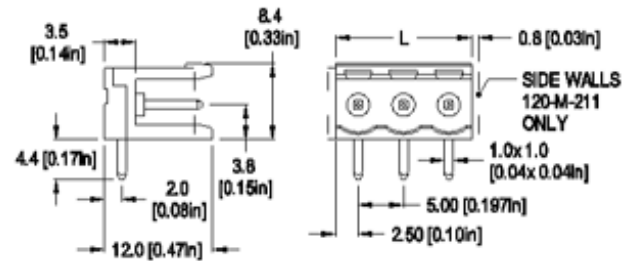
120-M-111



One possible variation of assembly



Typical Application



Dimensions: mm (in.)

Length of Connector (L)

L = No. of Poles x Center to Center Spacing

Approval Information

UL File No.E69841

CSA File No.LR24322



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

Description

- Header
- Plug-In Direction and Wire Entrance Parallel to PCB when plugged with **120-A-111**
- Plug-In Direction Parallel to PCB and Wire Entrance Perpendicular to PCB when plugged with **120-D-111, 120-D-121**

Technical Data

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

Recommended Hole Diameter in PC Board:

1.4 mm (0.055 in.)

Illustration

International Approvals:



Rated Impulse Withstand Voltage: 2500 V

International Approvals Notes:

ROHS WEEE Pb free compliant.

Material

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

Temperature limits:

Short Time: 140C (284F)

Continuous: RTI 105C (221F)

Low Limit: -40C (-40F)

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.

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How to order

Item 120-M-111 /-211

Options

- Consecutive Numbering (White, hot stamped numbers)
- Special Marking (please provide sketch)
- Gold Plating (5 micro inches)
- Gold Plating (30 micro inches)
- Silver Plating (30 micro inches)
- Solder Pin length of 18.5 mm

Note: Plated component: solder pin

Ordering Note: Voltage rating for 10 mm spacing is UL certified for 600 / B,C,D and CSA certified for 600 / D,E (120-M-112 /-212).

120-M-

SIDEWALLS:
without: 1 with: 2

POLES:
02 to 24

11/

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Quantity

Accessories

[BST Self Adhesive Marking Strips,
Consecutively numbered.](#)

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