

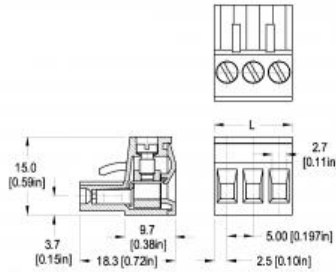


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## PLUG-IN SCREW CONNECTOR SYSTEM FOR PRINTED CIRCUIT BOARDS

**120-A-111**

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

[Print this page](#)[Distributor stock check](#)[additional photos](#)[view 3d model](#)[TECHNICAL INFORMATION](#)[APPROVAL INFORMATION](#)[PLUGS WITH](#)[HOW TO ORDER](#)**Description**

Plug

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 mm<sup>2</sup> (3875 mils<sup>2</sup>)**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)

**Ambient Temp. Range (°C) :** -40°C to 40°C**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**Plug-In Direction and Wire Entrance Parallel to PCB****Plug-In Direction and Wire Entrance Perpendicular to PCB****Visual Description****RoHS WEEE Pb free surface compliant****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-211-THR**  
5.00 mm spacing - 2-24 poles



**TYPE 120-M-191 /-291**  
5.00 mm spacing - 2-24 poles



**TYPE 120-M-217**  
5.00 mm spacing - 2-22 poles



**TYPE 120-M-221-SMD**  
5.00 mm spacing - 2-24 poles



**TYPE 120-M-311 /-411**  
5.00 mm spacing - 2-24 poles



**TYPE 120-M-221-THR**  
5.00 mm spacing - 2-24 poles

**Please fill in the How to Order box**

- Request Sample                      Quantity
- Request Quote                         Quantity

**120-A-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)
- S30: Silver Plating (30 micro inches)
- SM: Special Marking (please provide sketch)
- SRF: Strain Relief (available for 5 to 10 poles only)
- WG: Wire Guide

**Accessories**

- [SRF, Strain Relief](#)
- [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

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