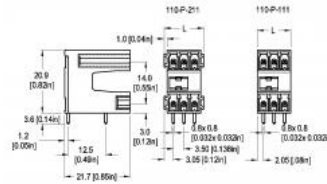




PLUG-IN SCREW CONNECTOR SYSTEM FOR PRINTED CIRCUIT BOARDS

**110-P-111 /-211**  
 3.50 mm (0.138 in) Spacing - 4-48 poles

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**Description**

Types 110-P-111 /-211 terminal blocks have been specially designed to allow effective potting of PC boards when terminal block is mounted on PCB edge and wire clamping area is facing outside of the board.

Header

Double level (rows on same level)

110-P-211 is equipped with a poka-yoke feature on each end sidewall. This prevents incorrect misaligned plugging when utilized with 110-A series plugs. Internal features prevent backwards insertion.

110-P-111 have a small foot print that allows a "dropin" fit when replacing competitive product. This is especially useful on PCB that are typically completely covered in components. It can be said that misalignment would in principle be prevented by the close components in close proximity.

Internal features prevent backward insertions

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. These coding keys are visible from the exterior, through slots in the header. Correct keying requires the removal of corresponding keying nibs from the 110-A plugs.

**Technical Data**

**Center to Center Spacing:** 3.500 mm (0.138 in)

**Recommended Hole Diameter in PC Board:** 1.200 mm (0.047 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 %

**Solder Pin:** Tin plated copper alloy 0.8 x 0.8 mm (0.03 x 0.03 in.)



**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
	110-P-111 /-211 3.5 mm	8	300	B, D		
	110-P-111 /-211 3.5 mm	8	300	B		

**International Approval Information**



Rated Impulse Withstand Voltage : 2500 V

Plug-In Direction and Wire Entrance Parallel to PCB



**TYPE 110-A-111**  
3.50 mm spacing - 2- 24 poles

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

- Request Sample                      Quantity
- Request Quote                        Quantity

**110-P-**

Poka-yoke feature:

Select one

Spacing:

Select one

Poles:

Select one

**OPTIONS:**

- G05: Gold Plating (5 micro inches)
- G30: Gold Plating (30 micro inches)
- 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](#)

**Notes**

Plated component: solder pin

**Ordering Notes**

Version with 7 mm spacing (110-P-112 /-212).

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