

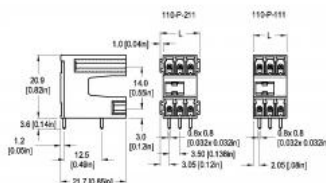


PLUG-IN SCREW CONNECTOR SYSTEM FOR PRINTED CIRCUIT BOARDS

110-P-111 /-211

3.50 mm (0.138 in) Spacing - 4 - 48 poles

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ZOOM

Dimensions: mm (in.)

Length of Connector (L)

110-P-111: L = (No. of Poles x Center to Center Spacing / 2) + 0.6 mm

110-P-211: L = (No. of Poles x Center to Center Spacing / 2) + 2.6 mm

(A) Poka-Yoke feature

When locating connector, allow 0.5 mm clearance around it for process-induced variations.

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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: 3.5 mm (0.138 in)

Recommended Hole Diameter in PC Board: 1.2 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 : RTI 105 °C (221 °F)
 Low Limit : -40 °C (-40 °F)

Comparative Tracking Index : CTI ≥ 600 V

Oxygen Index Rating : 33%

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



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

- | | |
|---|----------|
| <input type="checkbox"/> Request Sample | Quantity |
| <input type="checkbox"/> Request Quote | Quantity |

110-P-

Poka-yoke feature:

Select one

Spacing:

Select one

Poles:

Select one

OPTIONS:

- G05:;ld Plating (5 micro inches)
- G30:;ld Plating (30 micro inches)
- S30: Silver Plating (30 micro inches)
- SM: Special Marking (please provide sketch)

Accessories

BST Self Adhesive Marking Strips. Consecutively numbered.

Notes

Plated component: solder pin

Ordering Notes

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

ADD TO CART