

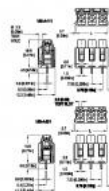


## SCREW CONNECTORS FOR PRINTED CIRCUIT BOARDS

### 152-A-111 /-211

7.50 mm (0.296 in) Spacing - 2, 3 poles

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#### Dimensions: mm (in.)

Length of Connector (L)

L = No. of Poles x Center to Center Spacing

(A) Test Hole

(B) Test Slot

ZOOM

[distributor stock check](#)

[view 3d model](#)

## TECHNICAL INFORMATION

## APPROVAL INFORMATION

## HOW TO ORDER

### Description

Dovetail version

Wire entrance parallel to PC Board

Elevator-style clamping mechanism The 2 and 3 poles units can be factory, field or distributor assembled to almost any number of poles. 152-A-111: Ø 2.3 mm test holes 152-A-211: test slots (opened back, metal part exposed)

### Technical Data

**Center to Center Spacing:** 7.5 mm (0.295 in.)

**Nominal Cross Section:** 2 x 2.5 mm<sup>2</sup> (2 x 3874 mils<sup>2</sup>) solid wire 1 x 4 mm<sup>2</sup> (1 x 6199 mils<sup>2</sup>) stranded wire

**Wire Stripping Length:** 8 mm (0.31 in.)

**Recommended Hole Diameter in PC Board:** 1.4 mm (0.055 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%

**Terminal Body:** Nickel plated copper alloy

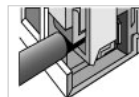
**Solder Pin and Pressure Plate:** Tin plated copper alloy

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

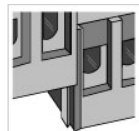
**Solder Pin:** 1.0 mm x 0.8 mm (0.04 in. x 0.03 in.)

### Visual Description

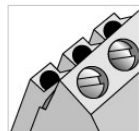
#### Elevator Style Clamping



#### Dovetail Interlocking Feature



#### Test Holes



#### 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 |
|-----------------------------------------------------------------------------------|-----------------|-------------|-------------|-------------------|-------|-------------------------|
|  | 152-A-111 /-211 | 20          | 300         | B                 | 22-10 | 4.5 lbfin               |
|                                                                                   | 7.5 mm          | 10          | 300         | D                 | 22-10 | 4.5 lbfin               |
|  | 152-A-111 /-211 | 20          | 300         | B                 | 26-10 | 0.51 Nm                 |
|                                                                                   | 7.5 mm          | 10          | 300         | D, E              | 26-10 | 0.51 Nm                 |

UL: 24-26 AWG range for factory wiring only.

### International Approval Information

Rated Impulse Withstand Voltage : 6000 V

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

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

**152-A-**

Test entry:

Select one

Poles:

Select one

**OPTIONS:**

- ☐ BS: Copper Alloy Screw
- ☐ CN: Consecutive Numbering (hot stamped numbers)
- ☐ 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.

ADD TO CART