



Inverted SMT Thru Board Connector

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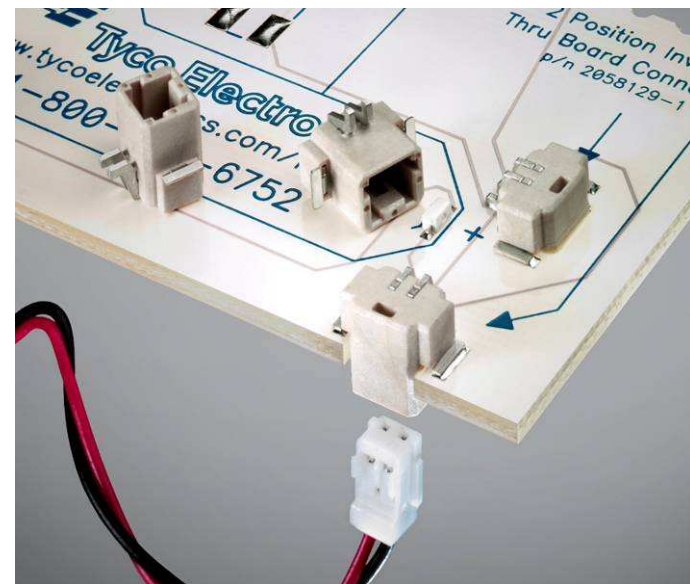


Inverted SMT Thru Board Connector

Product Description

- **Description**

- The inverted SMT thru board connector provides a means to bring power to LED aluminum clad boards from the underside of the printed circuit board
- The 2 position connector is currently available with manufacturing capability for 2 through 6 positions



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Product Applications

- **Applications**

- LED lighting controls
- Indoor and outdoor lighting fixtures
- General LED illumination fixtures
- Various non-lighting applications that require wire dress connections beneath the printed circuit board

- **Industries / Markets**

- Commercial building, residential and architectural lighting

Inverted SMT Thru Board Connector

Features and Benefits

- **Features**

- Low profile design
- Rounded corners to minimize shadowing
- Connector is positioned through cutout or notch in printed circuit board
- Surface mount hold downs provide stability during mating and unmating
- High temperature material for reflow processing
- Flat top surface allows for vacuum pick up
- Tape and reel packaging for high speed SMT processing
- RoHS compliant

Inverted SMT Thru Board Connector

Product Advantages

- Advantages
 - Eliminates wire dress management issues with discrete wire leads around the surface of the LED p.c. board
 - Accepts TE 2 position AMP Mini CT connector

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Performance Data

- Performance Data
 - Materials:
 - Housing: UL 94 VO rated high temperature resistant thermoplastic
 - Contacts: Tin over nickel plated copper alloy
 - Environmental Specifications:
 - Operating Temperature: -30 degree C to +105 degree C
 - Electrical Specifications:
 - Operating Voltage:
 - 50VAC / 50VDC
 - Current Rating
 - #24 AWG – 3A
 - #26 AWG – 2.5A
 - #28 AWG – 1.5A

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Performance Data

– Standards & Specifications;

- UL: UL 1977
- Inverted SMT Thru Board Connector Design Objectives: 108-2367
- Inverted SMT Thru Board Connector Application Specification:
114-13245
- AMP Mini CT Connector Product Specification: 108-60025
- AMP Mini CT Connector Product Specification: 114-5245

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