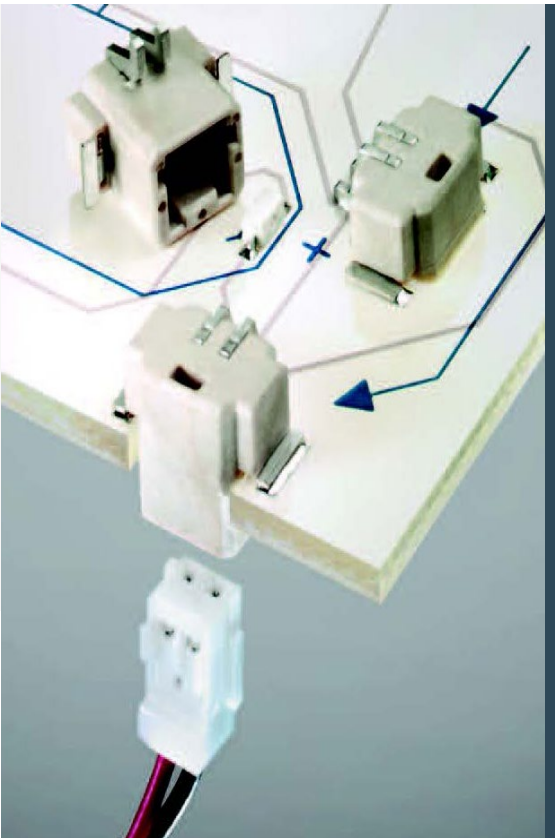




INVERTED SMT THRU BOARD CONNECTOR

The Inverted SMT Thru Board Connector provides a means to bring power to LED aluminum clad and FR4 boards from the underside of the printed circuit board (PCB).

ELECTRICAL

- Operating Voltage: 70VAC / 70VDC
- Operating Current:
 - #24 AWG - 3A
 - #26 AWG - 2.5A
 - #28 AWG - 1.5A

MECHANICAL

- Operating Temperature : -40°C to +105°C

MATERIALS

- Housing : 94 V0 rated high temperature resistant thermoplastic
- Contacts : Tin over nickel plated copper alloy

SPECIFICATIONS

- [108-2376](#): Inverted SMT Thru Board Product Specification
- [114-13245](#): Inverted SMT Thru Board Product Specification
- 108-60025: AMP Mini CT Connector Product Specification
- [114-5245](#): AMP Mini CT Connector Application Specification
- UL: UL 1977 File No. E28476

KEY FEATURES

- Available in 2, 3, 4, 5 and 6 positions
- Accepts 2 thru 6 position AMP Mini CT connector
- Helps eliminate wire dress management issues with discreet wire leads around the surface of the LED PCB
- Custom length AMP Mini CT cable assemblies are available upon request
- Low profile design
- Rounded corners to help minimize shadowing
- Connector is positioned through cutout or notch in PCB
- Surface mount hold downs provide stability during mating and unmating
- High temperature material for reflow processing
- Flat top surface helps to allow for vacuum pick up
- Tape and reel packaging for high speed SMT processing
- RoHS compliant

APPLICATIONS

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

PRODUCT OFFERING

EVEN POSITION PCB LAYOUT

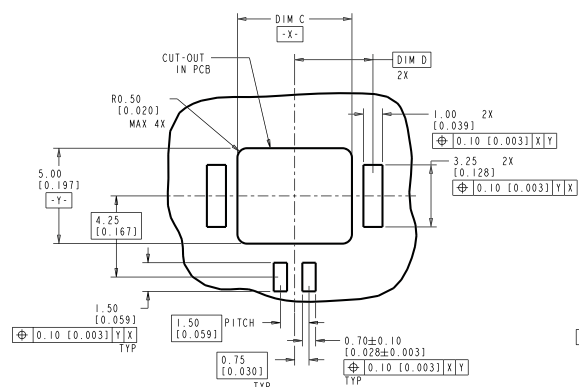


Figure 1 is a technical drawing of a rectangular device, likely a component of a system. The drawing shows the device's outline with a central rectangular area and two smaller rectangular areas on the sides. Dimension lines and values are provided for various measurements:

- Top width: 1.50 ± 0.059
- Bottom width: 0.70 ± 0.10
- Bottom length: 1.50
- Bottom thickness: 0.028 ± 0.003
- Pitch: 1.50
- Coordinate system: (X, Y) is shown at the bottom left.

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