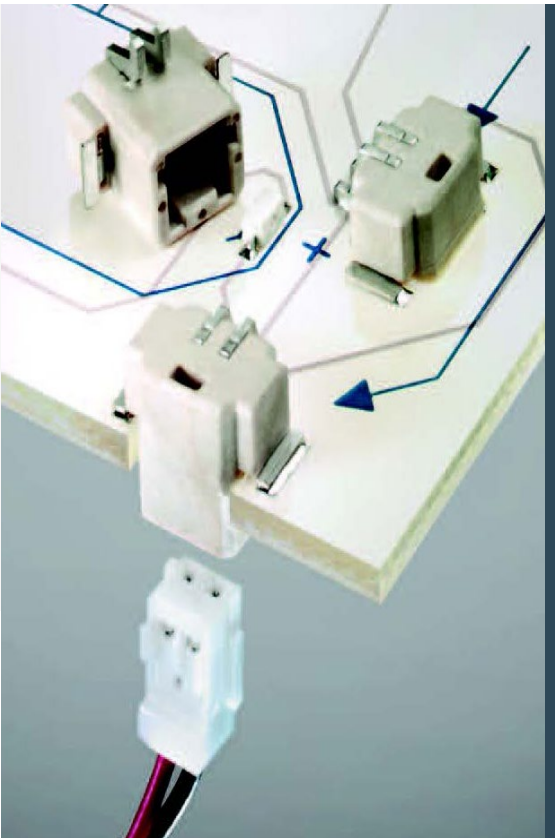




## INVERTED SMT THRU BOARD CONNECTOR

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

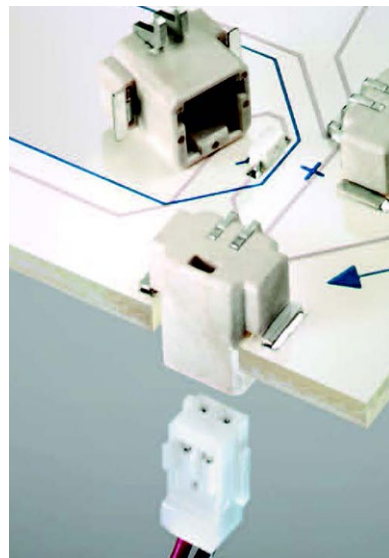
### APPLICATIONS

- 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

# INVERTED SMT THRU BOARD CONNECTOR

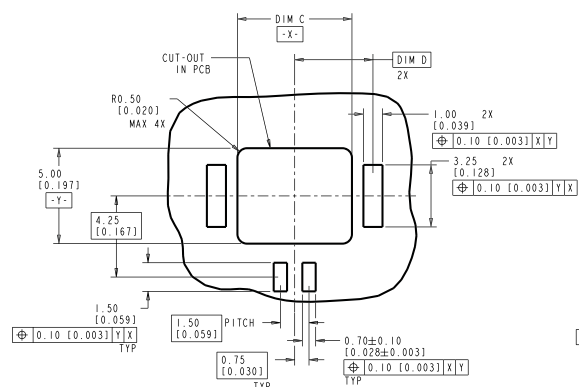
## PRODUCT OFFERING

| Connector P/N             | POSN | "A" DIM      | "B" DIM      | "C" DIM      | "D" DIM     | Mini CT Cable Assy P/N    |
|---------------------------|------|--------------|--------------|--------------|-------------|---------------------------|
| <a href="#">2106091-1</a> | 2    | 5.5 [.216]   | 9.11 [.359]  | 6.00 [.236]  | 4.10 [.161] | <a href="#">2058943-1</a> |
| <a href="#">2106091-2</a> | 3    | 7.00 [.275]  | 10.61 [.418] | 7.50 [.295]  | 4.85 [.191] | <a href="#">2058943-2</a> |
| <a href="#">2106091-3</a> | 4    | 8.50 [.335]  | 12.11 [.477] | 9.00 [.354]  | 5.60 [.220] | <a href="#">2058943-3</a> |
| <a href="#">2106091-4</a> | 5    | 10.00 [.394] | 13.61 [.536] | 10.50 [.413] | 6.35 [.250] | <a href="#">2058943-4</a> |
| <a href="#">2106091-5</a> | 6    | 11.50 [.453] | 15.11 [.595] | 12.00 [.472] | 7.10 [.280] | <a href="#">2058943-5</a> |

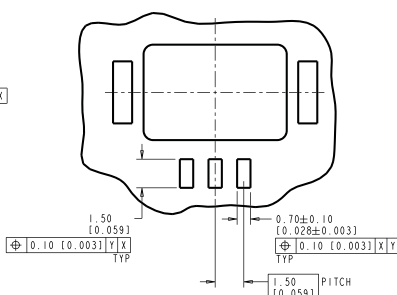


For more information on mating AMP Mini CT products, please go to [www.te.com/amp-mini-ct](http://www.te.com/amp-mini-ct)

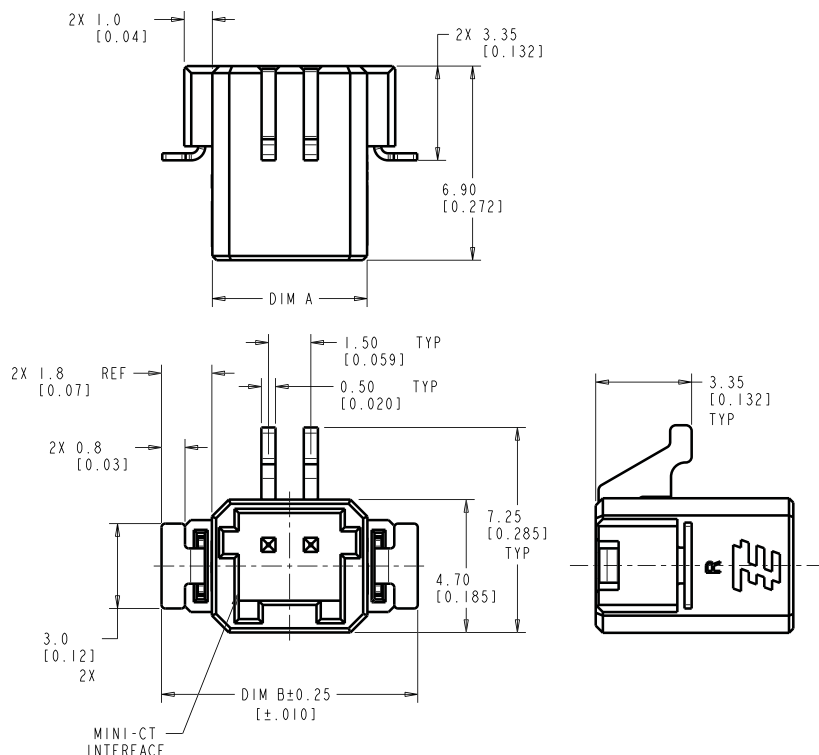
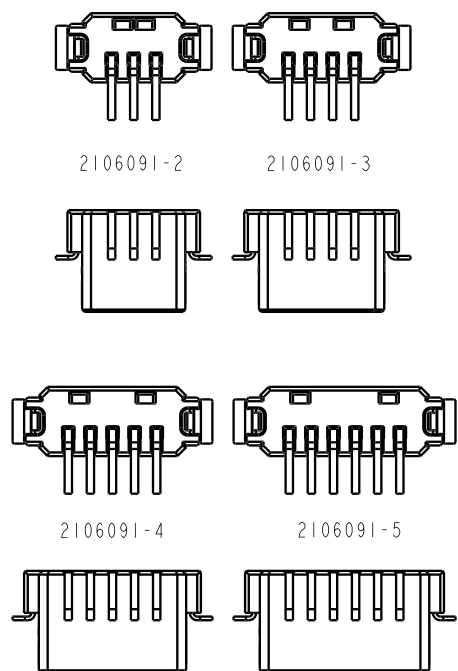
## EVEN POSITION PCB LAYOUT



## ODD POSITION PCB LAYOUT



SCALE 4:1



### View Products

### Contact Our Product Team

We make it easy to connect with our experts and are ready to provide the support you need.

Visit [te.com/support](https://te.com/support) to chat with a Product Information Specialist.

### [te.com/inverted-thru-board-connectors](https://te.com/inverted-thru-board-connectors)

AMP, TE Connectivity, TE, TE connectivity (logo) and EVERY CONNECTION COUNTS are trademarks owned or licensed by the TE Connectivity plc family of companies. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this document, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any changes to the information contained herein without prior notice. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect, or consequential damages arising out of the sale, resale, use, or misapplication of the product. TE expressly disclaims any implied warranties with respect to the information contained herein, including, but not limited to, implied warranties of merchantability or fitness for a particular purpose. Dimensions, specifications and/or information contained herein are for reference purposes only and are subject to change without notice. Consult TE for the latest dimensions, specifications and/or information. Users of TE Connectivity products must make their own assessment as to whether the respective product is suitable for the respective desired application.

© 2025 TE Connectivity. All Rights Reserved.

06-25