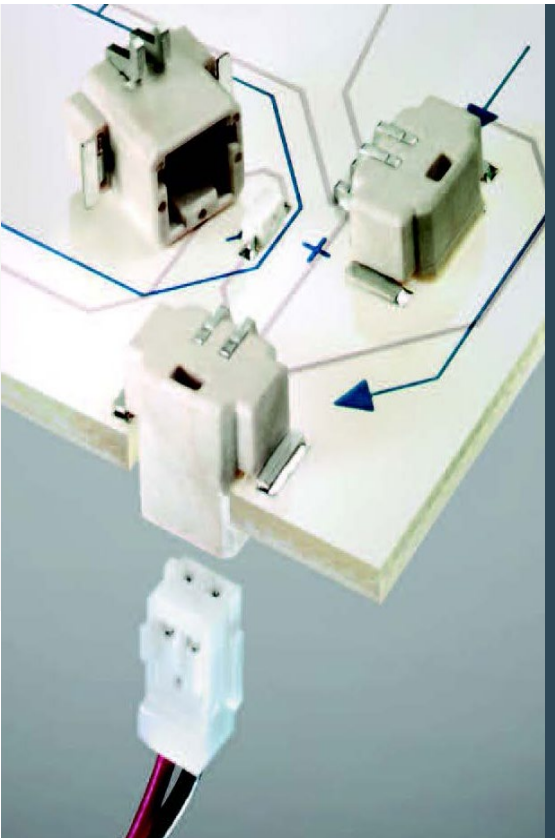




INVERTED SMT THRU BOARD CONNECTOR

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

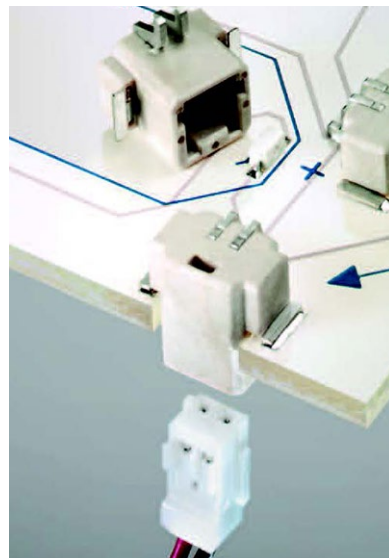
APPLICATIONS

- 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

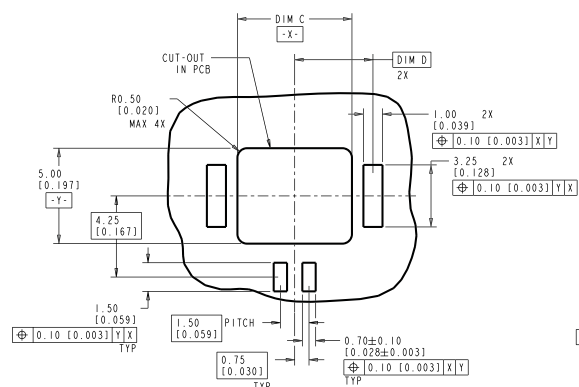
PRODUCT OFFERING

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

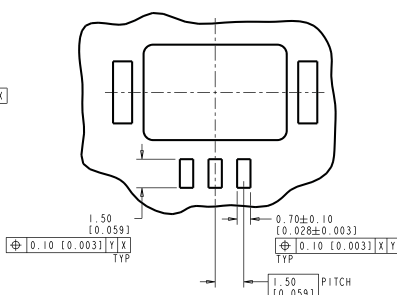


For more information on mating AMP Mini CT products, please go to www.te.com/amp-mini-ct

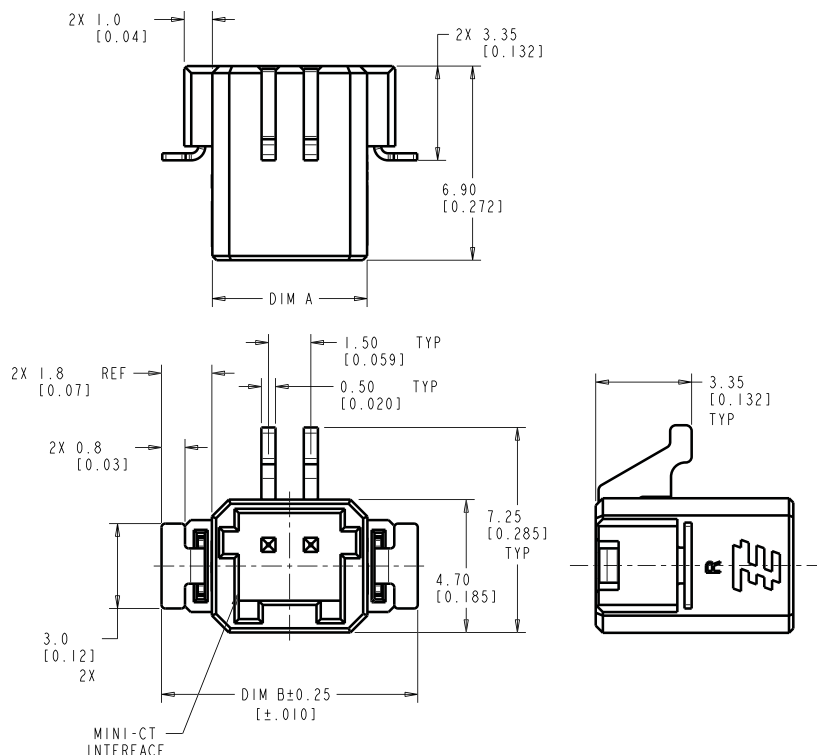
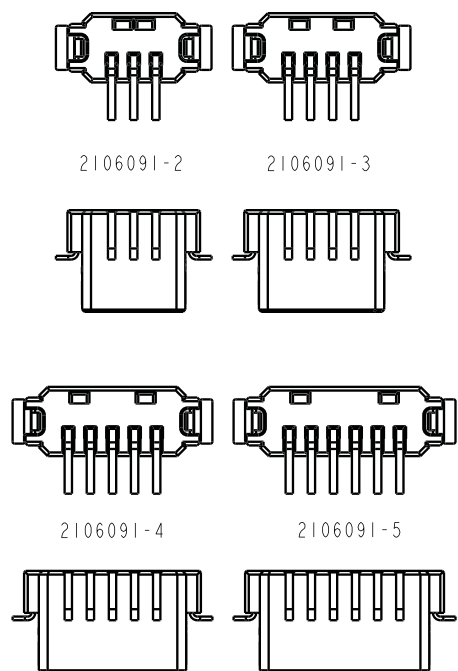
EVEN POSITION PCB LAYOUT



ODD POSITION PCB LAYOUT



SCALE 4:1



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

Visit te.com/support to chat with a Product Information Specialist.

te.com/inverted-thru-board-connectors

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