



Cable Assemblies > Copper Cable Assemblies > Lighting Cable Assemblies



Cable Assembly Type: **MINI-CT Pigtail**

Number of Positions: **6**

Cable Assembly Length: **.159 m [.521 ft]**

Operating Voltage: **70 VDC**

Features

Product Type Features

|                        |                    |
|------------------------|--------------------|
| Sealable               | No                 |
| Connector System       | Wire-to-Board      |
| Cable Assembly Type    | MINI-CT Pigtail    |
| Cable Assembly (End A) | MINI-CT Receptacle |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Rows      | 1 |
| Number of Positions | 6 |

Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 70 VDC |
|-------------------|--------|

Body Features

|                         |                                         |
|-------------------------|-----------------------------------------|
| Wire Color (Base)       | Red, Black, Blue, Orange, Yellow, White |
| Connector Color (End A) | White                                   |

Contact Features

|                                                |              |
|------------------------------------------------|--------------|
| Contact Current Rating (Max)                   | 3 A          |
| Contact Mating Area Plating Material           | Tin (Sn)     |
| Contact Base Material                          | Copper Alloy |
| Contact Type                                   | Socket       |
| Wire Contact Termination Area Plating Material | Tin          |

Termination Features

|  |  |
|--|--|
|  |  |
|--|--|



|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

|                       |               |
|-----------------------|---------------|
| Mating Retention      | With          |
| Mating Alignment Type | Polarization  |
| Mating Retention Type | Locking Latch |
| Mating Alignment      | With          |

Housing Features

|                    |                 |
|--------------------|-----------------|
| Housing Material   | Nylon           |
| Centerline (Pitch) | 1.5 mm[.059 in] |

Dimensions

|                                      |                             |
|--------------------------------------|-----------------------------|
| Connector Width                      | 15.11 mm                    |
| Connector Height                     | 4.7 mm                      |
| Compatible Insulation Diameter Range | .7 – 1.03 mm[.027 – .04 in] |
| Outside Cable Diameter               | 1.12 mm                     |
| Wire Size                            | 24 AWG                      |
| Connector Length                     | 6.9 mm                      |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

|                                             |                       |
|---------------------------------------------|-----------------------|
| Compatible With Agency/Standards Products   | CSA, UL               |
| UL Flammability Rating                      | UL 94V-0              |
| Compatible With Approved Standards Products | CSA LR7189, UL E28476 |

Packaging Features

|                  |         |
|------------------|---------|
| Packaging Method | Bag/Box |
|------------------|---------|

Other

|                       |                 |
|-----------------------|-----------------|
| Cable Assembly Length | .159 m[.521 ft] |
|-----------------------|-----------------|

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                              |           |
|------------------------------|-----------|
| EU RoHS Directive 2011/65/EU | Compliant |
|------------------------------|-----------|

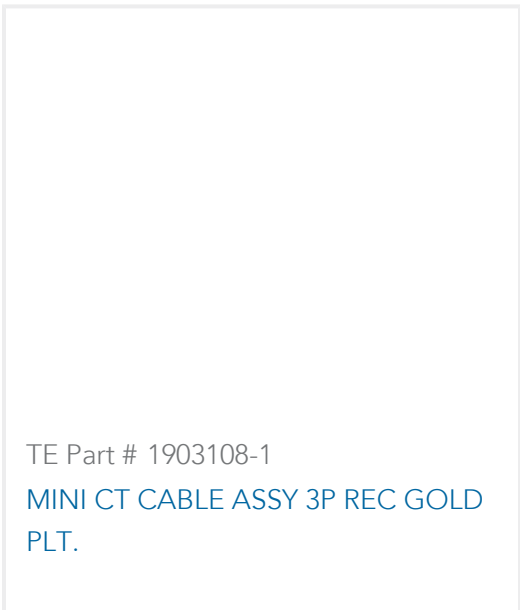


|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                     |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold                                                                                       |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                |
| Solder Process Capability                     | Not applicable for solder process capability                                                                                  |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



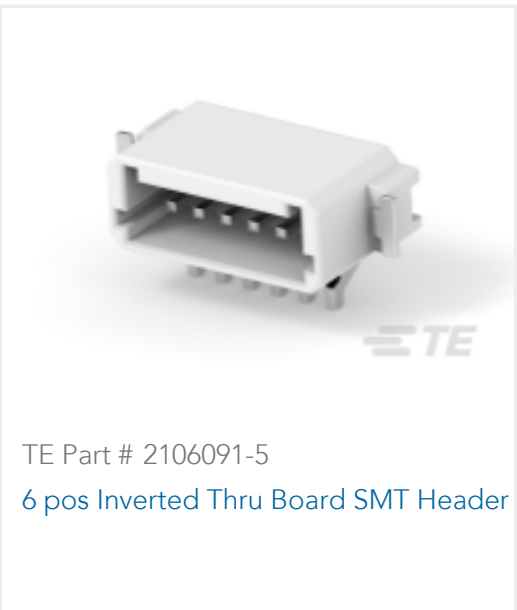
TE Part # 1903108-1  
MINI CT CABLE ASSY 3P REC GOLD PLT.



TE Part # 292207-6  
MINI CT SGL DIP V 6P NAT



TE Part # 292206-6  
MINI CT SGL DIP H 6P NAT



TE Part # 2106091-5  
6 pos Inverted Thru Board SMT Header



TE Part # 292227-6  
1.5 MINI CT SGL H SMT W BOSS 6



TE Part # 292228-6  
1.5 MINI CT SGL H SMT W/O BOSS

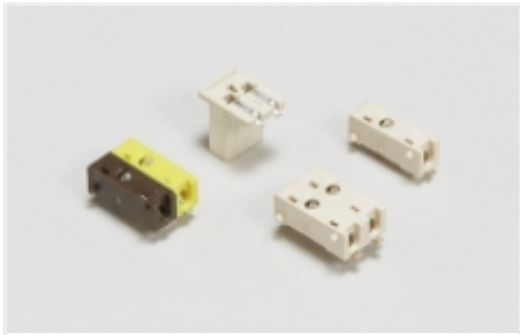
Also in the Series | Inverted Thru-Board Interconnects



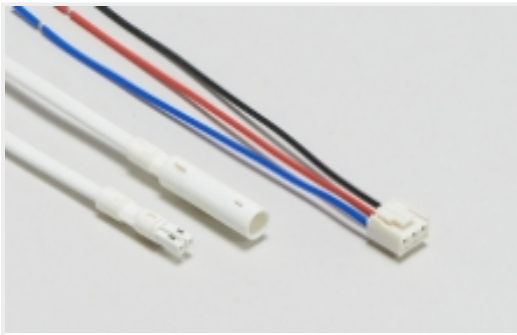
Lighting Cable Assemblies(4)



PCB Headers & Receptacles(8)



Poke-In Connectors(8)



Power Cable Assemblies(3)



Rectangular Power Connectors(3)



Wire-to-Board Headers & Receptacles (8)

Customers Also Bought



TE Part #BSA078N00420235000  
923 PLUG



TE Part #3-2176055-8  
RLP73K 2B R36 1% 1K RL



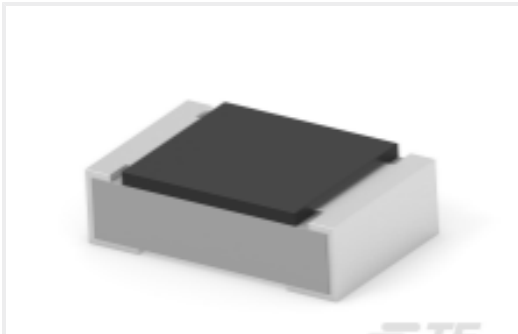
TE Part #1-1644055-2  
UMNL 6 WAY PLUG HOUSING



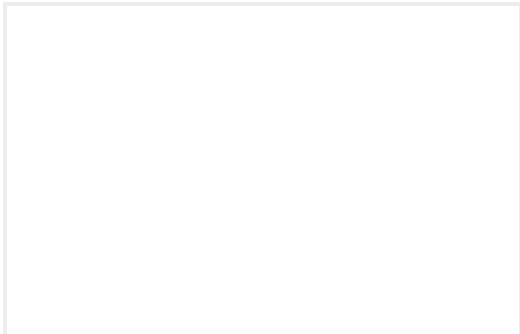
TE Part #1954289-2  
Connector,Blade & Recpt 4 Pos



TE Part #1-2199119-6  
M.2 0.5PITCH 3.2H KEY M 30U" AU



TE Part #2176571-2  
RLC73V 2A R022 1% 1K RL



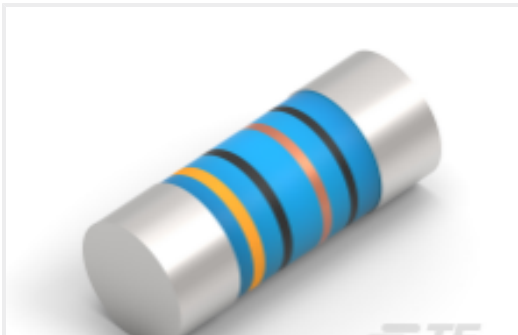
TE Part #2058943-2  
Cable Assembly Mini CT 3 pos.



TE Part #3-1879352-1  
RR02 5% 5R6 AMMO



TE Part #353908-4  
CT REC HSG 4P CRIMP TYPE WHITE



TE Part #8-2176315-3  
MELF SMA-A 47R 1% 50PPM 0204 0.4 W

Documents



CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2058943-5\_E\_c-2058943-5-e.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2058943-5\_E\_c-2058943-5-e.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2058943-5\_E\_c-2058943-5-e.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

INVERTED\_SMT\_THRU\_BOARD\_CONNECTOR

English

Product Specifications

Application Specification

English