



Triad 01 Panel/PCB Connector

TE Internal #: 7-1437719-8

Wire-to-Board, Circular Connector Receptacle, 8 Position, Sealable, Signal, Panel Mount, Reverse Gender, Nickel, CuZn, Triad 01 Panel /PCB Connector

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Board**  
Connector Mounting Type: **Panel Mount**  
Number of Positions: **8**  
Sealable: **Yes**  
Contact Current Rating (Max): **1 A**

Features

Product Type Features

|                         |                               |
|-------------------------|-------------------------------|
| Connector Product Type  | Connector Assembly            |
| Connector System        | Wire-to-Board                 |
| Sealable                | Yes                           |
| Circular Connector Type | Circular Connector Receptacle |
| Shell Type              | Metal                         |

Configuration Features

|                            |     |
|----------------------------|-----|
| Number of Positions        | 8   |
| Number of Power Positions  | 0   |
| Number of Signal Positions | 8   |
| Contacts Preloaded         | Yes |

Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 60 VAC |
|-------------------|--------|

Body Features

|                        |        |
|------------------------|--------|
| Shell Plating Material | Nickel |
|------------------------|--------|



|                                             |      |
|---------------------------------------------|------|
| Shell Base Material                         | CuZn |
| Circular Connector Insulation Material Type | PBT  |
| Hermetically Sealed                         | No   |

Contact Features

|                                 |          |
|---------------------------------|----------|
| Contact Current Rating (Max)    | 1 A      |
| Reverse Gender                  | Yes      |
| Contact Layout Arrangement      | Circular |
| Circular Connector Contact Type | Socket   |

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
| Mating Retention        | With        |

Dimensions

|                 |         |
|-----------------|---------|
| Assembly Length | 15.5 mm |
|-----------------|---------|

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -40 – 80 °C[-40 – 176 °F] |
|-----------------------------|---------------------------|

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
| Shielded            | No     |

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-2 |
|------------------------|----------|

Packaging Features

|                    |    |
|--------------------|----|
| Packaging Quantity | 25 |
|--------------------|----|

Product Compliance

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

|                                               |                                                                                                  |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions                                                                        |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions                                                                        |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准<br>Restricted Substance(s) Above Threshold                                            |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250) |



SVHC > Threshold:  
Pb (3% in 4795339)

**Article Safe Usage Statements:**  
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

|                           |                                                |
|---------------------------|------------------------------------------------|
| Halogen Content           | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Hand solderable with lead free solder          |

Product Compliance Disclaimer

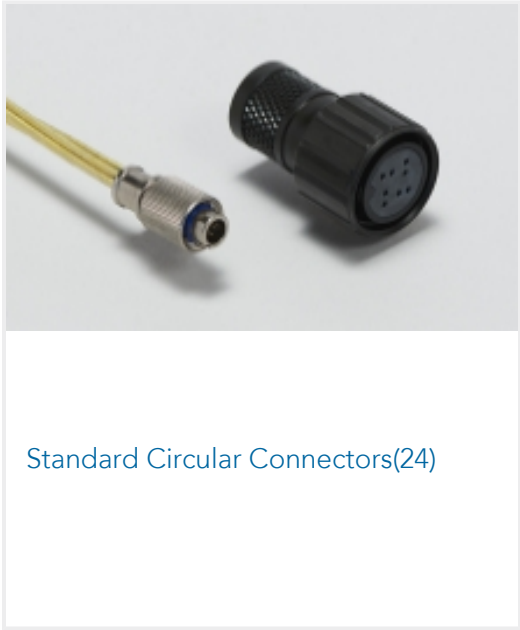
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2-1437719-7  
T01-0550-P08-MALE PLUG  
CONNECTOR SOLDER

Also in the Series | Triad 01 Panel/PCB Connector



Standard Circular Connectors(24)

Customers Also Bought



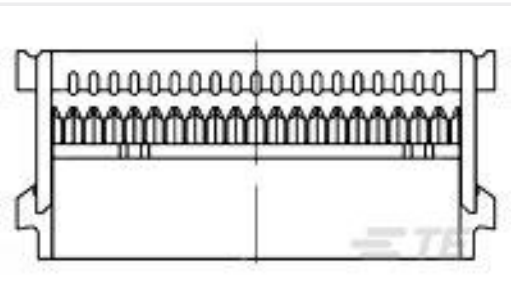
TE Part #1-84953-1  
1MM FPC HORZ.TOP CONT.ASSY 11P



TE Part #1-84953-6  
1MM FPC HORZ.TOP CONT.ASSY 16P



TE Part #1614959-8  
CPF0805 1M1 0.1% 25PPM 1K RL



TE Part #1658526-4  
609-1030LF FEM SOCKET,LEAD FREE



TE Part #6-1676480-3  
CRG0402 1% 430R



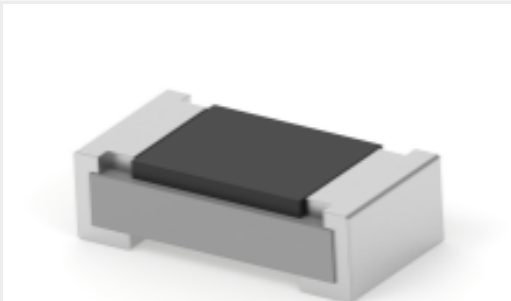
TE Part #5-1879021-3  
SMW3 15R 5%



TE Part #6-1879215-6  
CPF 0402 22K1 0.1% 25PPM 1K RL



TE Part #3-2176231-3  
3522 220R 1% 3W



TE Part #2176237-1  
CPF A 0603 10R 0.1% 25PPM 5K RL



TE Part #2-2176330-0  
CRGP 2010 390R 1%

Documents

Product Drawings

T01-0570-S08-FEMALE REC PANEL-PCB STRT

English

T01-0570-S08-FEMALE REC PANEL-PCB STRT

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_7-1437719-8\_A.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_7-1437719-8\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_7-1437719-8\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.



Datasheets & Catalog Pages

M8 / M12 Connector System Catalog

Japanese

M8 / M12 Connector System Catalog

English

Product Specifications

Product Specification

English