



Triad 01 Cable Plug, Triad 01 Solder

TE Internal #: 2-1437719-7

Triad 01 Cable Plug, Standard Circular Connectors, Cable-to-Cable, 8 Position, Sealable, Wire & Cable, 1A Contact Current Rating (Max), Signal

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Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Cable**  
Number of Positions: **8**  
Sealable: **Yes**  
Connector & Contact Terminates To: **Wire & Cable**  
Contact Current Rating (Max): **1 A**

Features

Product Type Features

|                                   |                |
|-----------------------------------|----------------|
| Product Type                      | Connector      |
| Prewired                          | Yes            |
| Connector System                  | Cable-to-Cable |
| Sealable                          | Yes            |
| Connector & Contact Terminates To | Wire & Cable   |
| Circular Connector Type           | Plug           |
| 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 | Pin      |

Mechanical Attachment

|                  |      |
|------------------|------|
| Mating Retention | With |
|------------------|------|

Dimensions

|                 |                     |
|-----------------|---------------------|
| Assembly Length | 40 mm               |
| Wire Size       | .14 mm <sup>2</sup> |

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                  | Not Compliant                                                                                                                                                                                                                                                                                                                                                                                                              |
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                                                                                                                                                                                                                                                                                                                  |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold                                                                                                                                                                                                                                                                                                                                                                                       |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>SVHC > Threshold:<br>Pb (4% in Component Part)<br><b>Article Safe Usage Statements:</b><br>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           | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| 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 # 1437720-9  
T01-0580-S08-FEMALE REC PANEL MNT SOLDER



TE Part # 7-1437719-8  
T01-0570-S08-FEMALE REC PANEL-PCB STRT



TE Part # 4-1437719-2  
T01-0550-S08-FEMALE PLUG CONNECTOR SOLDE

Also in the Series | Triad 01 Cable Plug



Standard Circular Connectors(14)

Also in the Series | Triad 01 Solder





Standard Circular Connectors(10)

Customers Also Bought



TE Part #179228-8  
AMP COMMON TERMINATION  
HOUSINGS



TE Part #179227-1  
AMP COMMON TERMINATION  
CONTACTS



TE Part #160780-4  
110 FASTON,REC.,16-20 AWG,TPBR



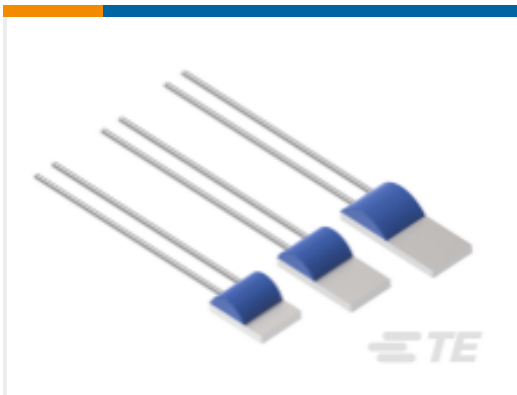
TE Part #160534-2  
110 FASTON,REC.,17-20 AWG,TPBR



TE Part #1437720-9  
T01-0580-S08-FEMALE REC PANEL  
MNT SOLDER



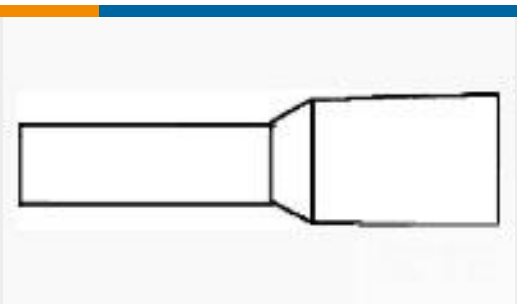
TE Part #1437719-8  
T01-0500-S=INDUSTRIAL CONNECTO



TE Part #NB-PTCO-029  
RTD Platinum Thin Film Element



TE Part #1775441-5  
AMP HPI 1.5MM RECEPTACLE  
HOUSINGS



TE Part #1-966144-2  
DOPPLEIT ADERENDH N



TE Part #1337769-5  
50 OHM COAX BNC STR PLUG P99-E

Documents

Product Drawings

T01-0550-P08-MALE PLUG CONNECTOR SOLDER

English

T01-0550-P08-MALE PLUG CONNECTOR SOLDER

English

CAD Files

3D PDF

3D



Customer View Model

[ENG\\_CVM\\_CVM\\_2-1437719-7\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1437719-7\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1437719-7\\_B.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](#)

English

Product Specifications

[Product Specification](#)

English