

3-1437719-9 ✓ ACTIVE



[Triad 01 Cable Plug](#), [Triad 01 Solder](#)

TE Internal #: 3-1437719-9

Standard Circular Connectors, Cable-to-Cable, 7 Position, Sealable, Wire & Cable, Signal, Reverse Gender, Nickel, CuZn, PBT, Triad 01 Cable Plug

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Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Cable**

Number of Positions: **7**

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	Receptacle
Shell Type	Metal

### Configuration Features

Number of Positions	7
Number of Power Positions	0
Number of Signal Positions	7
Contacts Preloaded	Yes

### Electrical Characteristics

Operating Voltage	60 VAC
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### Body Features

Environmental Protection Type	Sealed
Environmental Protection	With
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

Mating Retention	With
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### Dimensions

Accepts Wire Insulation Diameter Range	5 mm
Assembly Length	38 mm
Wire Size	.14 mm <sup>2</sup>

### Usage Conditions

Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]
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### Operation/Application

Circuit Application	Signal
Shielded	No

### Industry Standards

UL Flammability Rating	UL 94V-2
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### Packaging Features

Packaging Quantity	100
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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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: JUNE 2022 (224)

Candidate List Declared Against: JUNE 2022 (224)

SVHC > Threshold:

Pb (4% in Component Part)

**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

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



Also in the Series | [Triad 01 Cable Plug](#)



Standard Circular Connectors(14)

## Also in the Series | [Triad 01 Solder](#)



Standard Circular Connectors(10)

## Documents

### Product Drawings

[T01-0550-S07-FEMALE PLUG CONNECTOR SOLDE](#)

English

[T01-0550-S07-FEMALE PLUG CONNECTOR SOLDE](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1437719-9\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1437719-9\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1437719-9\\_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

3-1437719-9

Standard Circular Connectors, Cable-to-Cable, 7 Position, Sealable, Wire & Cable, Signal, Reverse Gender, Nickel, CuZn, PBT, Triad 01 Cable Plug



## Product Specification

English