



Triad 01 Panel/PCB Connector

TE Internal #: 9-1437719-0

Triad 01 Panel/PCB Connector, Standard Circular Connectors, Wire-to-Board, 7 Position, Sealable, 1A Contact Current Rating (Max), Signal, Panel Mount

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Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Board**

Number of Positions: **7**

Sealable: **Yes**

Contact Current Rating (Max): **1 A**

Circuit Application: **Signal**

Features

Product Type Features

Product Type	Connector
Connector System	Wire-to-Board
Sealable	Yes
Circular Connector Type	Plug
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

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

Connector Mounting Type	Panel Mount
Mating Retention	With

Dimensions

Assembly Length	24.4 mm
Wire Size	.14 mm²

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	25
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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	Not Yet Reviewed
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 2021 (211) Candidate List Declared Against: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 3-1437719-9
T01-0550-S07-FEMALE PLUG
CONNECTOR SOLDE

Also in the Series | [Triad 01 Panel/PCB Connector](#)

[Standard Circular Connectors\(26\)](#)

Customers Also Bought





TE Part #0462-209-16141
DEUTSCH SOLID CONTACTS



TE Part #1-643077-3
Nylon PCB Connector Covers: 2.54 mm, MTA 100



TE Part #W6P
DEUTSCH DT WEDGELOCKS



TE Part #114017-ZZ
DEUTSCH SEALING PLUGS



TE Part #1-480698-0
02P UMNPL PLUG HSG NATL



TE Part #1437720-6
T01-0580-S07-FEMALE REC PANEL MNT SOLDER

Documents

Product Drawings

T01-0580-P07-MALE REC PANEL MOUNT SOLDER

English

T01-0580-P07-MALE REC PANEL MOUNT SOLDER

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-1437719-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-1437719-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-1437719-0_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

English

Product Specifications

Product Specification

English

