6-1437719-6 ✔ ACTIVE

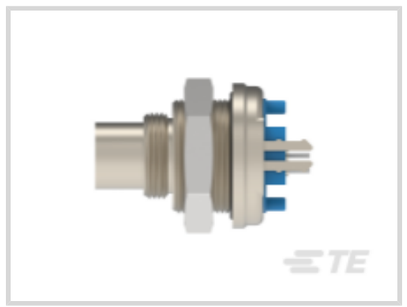
Triad 01 Panel/PCB Connector

TE Internal #: 6-1437719-6

Wire-to-Board, Circular Connector Receptacle, 3 Position, Sealable, Printed Circuit Board, Signal, Panel Mount, 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: **3**

Sealable: **Yes**

Connector & Contact Terminates To: **Printed Circuit Board**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board
Circular Connector Type	Circular Connector Receptacle
Shell Type	Metal

Configuration Features

Number of Positions	3
Number of Power Positions	0
Number of Signal Positions	3
Contacts Preloaded	Yes

Electrical Characteristics

Operating Voltage	60 VAC

Body Features

Environmental Protection Type	Sealed
Environmental Protection	IP65
Shell Plating Material	Nickel
Shell Base Material	CuZn
Circular Connector Insulation Material Type	PBT
Hermetically Sealed	No

Contact Features

Contact Current Rating (Max)	3 A
Reverse Gender	Yes
Contact Layout Arrangement	Circular
Circular Connector Contact Type	Socket

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With
Connector Mounting Type	Panel Mount
Mating Retention	With

Dimensions

Assembly Length	15.5 mm
Wire Size	24 AWG

Usage Conditions

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

Operation/Application

Durability Rating	500 Cycles
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	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (3% in 12597884203) **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 # 1-1437719-5
T01-0550-P03-MALE PLUG CONNECTOR SOLDER

Also in the Series | Triad 01 Panel/PCB Connector

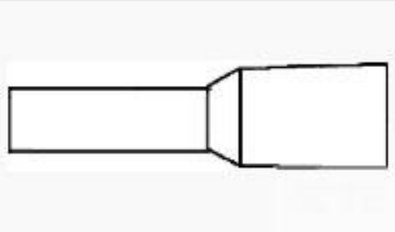


Standard Circular Connectors(24)

Customers Also Bought



TE Part #4-338313-2
9POS.HD-20 REC.ASSY



TE Part #1-966066-9
FER,WIRE,PL SLV,.75/18,L6,WHITE,LP



TE Part #1658647-1
KIT,HDP-20,OVRMLD,PLUG,SIZE 2,



TE Part #1-1879217-2
CPF 0603 390K 0.1% 25PPM 1K RL



TE Part #8-1879336-7
CPF 0603 1K82 1% 50PPM 1K RL



TE Part #7-2176093-8
RP 2A 0.25W 66K5 0.1% 25PPM 1K RL



TE Part #7-2176231-6
3522 13K 1% 3W

TE Part #5-1437720-3
T01-500-3.5=INDUSTRIAL CONNECT



TE Part #1483353-2
MICRO-MATCH LEAD 10P 150MM

Documents

Product Drawings

T01-0570-S03-FEMALE REC PANEL-PCB STRT

English

CAD Files

Customer View Model

ENG_CVM_CVM_6-1437719-6_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-1437719-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-1437719-6_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