



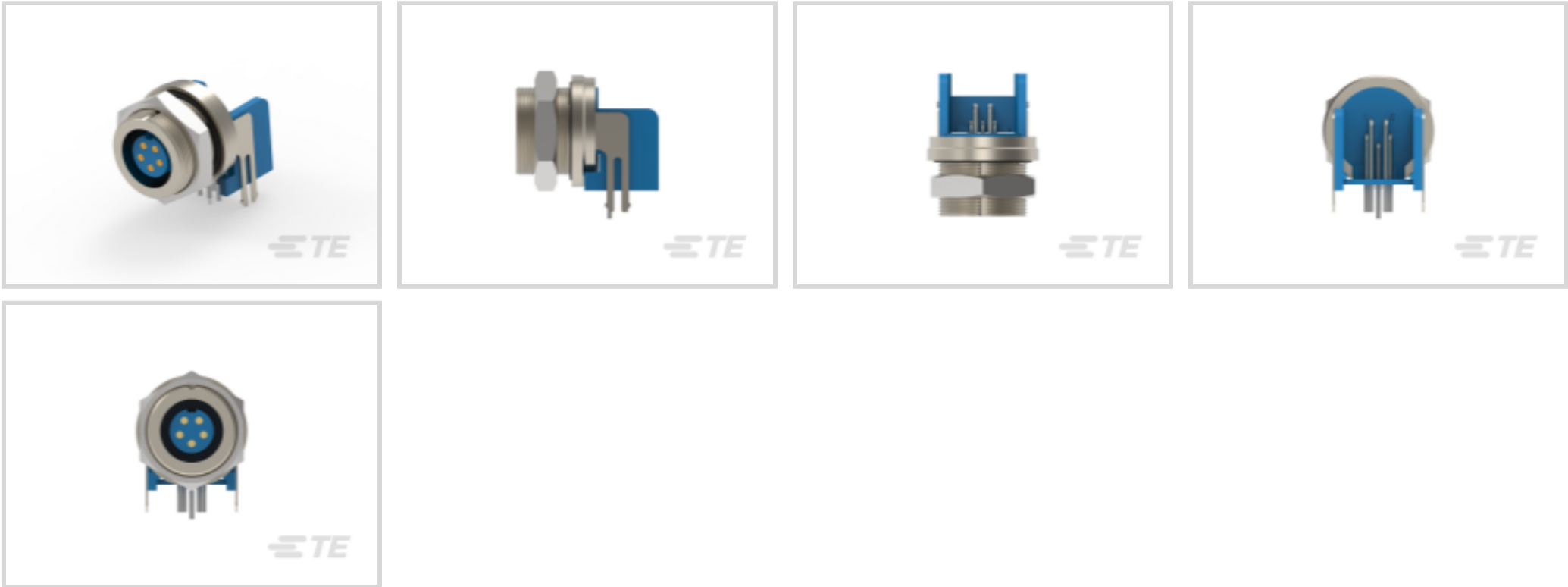
Triad 01 Panel/PCB Connector

TE Internal #: 6-1437719-0

Wire-to-Board, 5 Position, Sealable, Printed Circuit Board, Signal,
Panel Mount, Triad 01 Panel/PCB Connector, Standard Circular
Connectors

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Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Board**
Connector Mounting Type: **Panel Mount**
Number of Positions: **5**
Sealable: **Yes**
Connector & Contact Terminates To: **Printed Circuit Board**

Features

Product Type Features

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

Mechanical Attachment

Connector Mounting Type	Panel Mount
Mating Retention	With
Mating Alignment	With

Configuration Features

Number of Positions	5
Number of Power Positions	0
Number of Signal Positions	5



Contacts Preloaded	Yes
Contact Features	
Contact Current Rating (Max)	3 A
Reverse Gender	Yes
Contact Layout Arrangement	Circular
Circular Connector Contact Type	Socket
Operation/Application	
Circuit Application	Signal
Shielded	No
Durability Rating	500 Cycles
Body Features	
Shell Plating Material	Nickel
Shell Base Material	CuZn
Circular Connector Insulation Material Type	PBT
Hermetically Sealed	No
Environmental Protection Type	Sealed
Environmental Protection	IP65
Dimensions	
Wire Size	.25 mm²
Assembly Length	19.2 mm
Usage Conditions	
Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]
Other	
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant
Electrical Characteristics	
Operating Voltage	60 VAC
Termination Features	
Termination Method to PCB	Through Hole - Solder
Industry Standards	
UL Flammability Rating	UL 94V-2



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 with Exemptions
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (3% 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	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





Also in the Series

Triad 01 Panel/PCB Connector

Standard Circular Connectors(24)

Customers Also Bought

TE Part #5788798-1
15 HTMSFL ASSY RA 318 (IN,BL)

TE Part #2227728-1
zSFP+ 1x2 Cage Assy, Press-Fit

TE Part #5646492-1
2MM HM,ASY,T-F,REC,TT/PRE-SHLD

TE Part #2301835-1
AMPL PLUG HD20, VERT, 25P, B/L,4-40 INS

TE Part #6-1437719-6
T01-0570-S03-FEMALE REC PANEL-PCB STRT

TE Part #2-1437719-1
T01-0550-P05-MALE PLUG CONNECTOR SOLDER

TE Part #1-1761608-1
IDC LOW PRO HDR 34P VERT SHT L

TE Part #6450150-3
MBXL VERT RCPT 4P+24S+3ACP

TE Part #1-1337581-0
MCX Str PCB Skt 50Ohm Gold Pltd

Documents

Product Drawings

T01-0560-S05-FEMALE REC PANEL-PCB MNT RA

English

T01-0560-S05-FEMALE REC PANEL-PCB MNT RA

English

CAD Files



Customer View Model

[ENG_CVM_CVM_6-1437719-0_A.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_6-1437719-0_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-1437719-0_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