

6-1437719-5 ✓ ACTIVE

Triad 01 Panel/PCB Connector

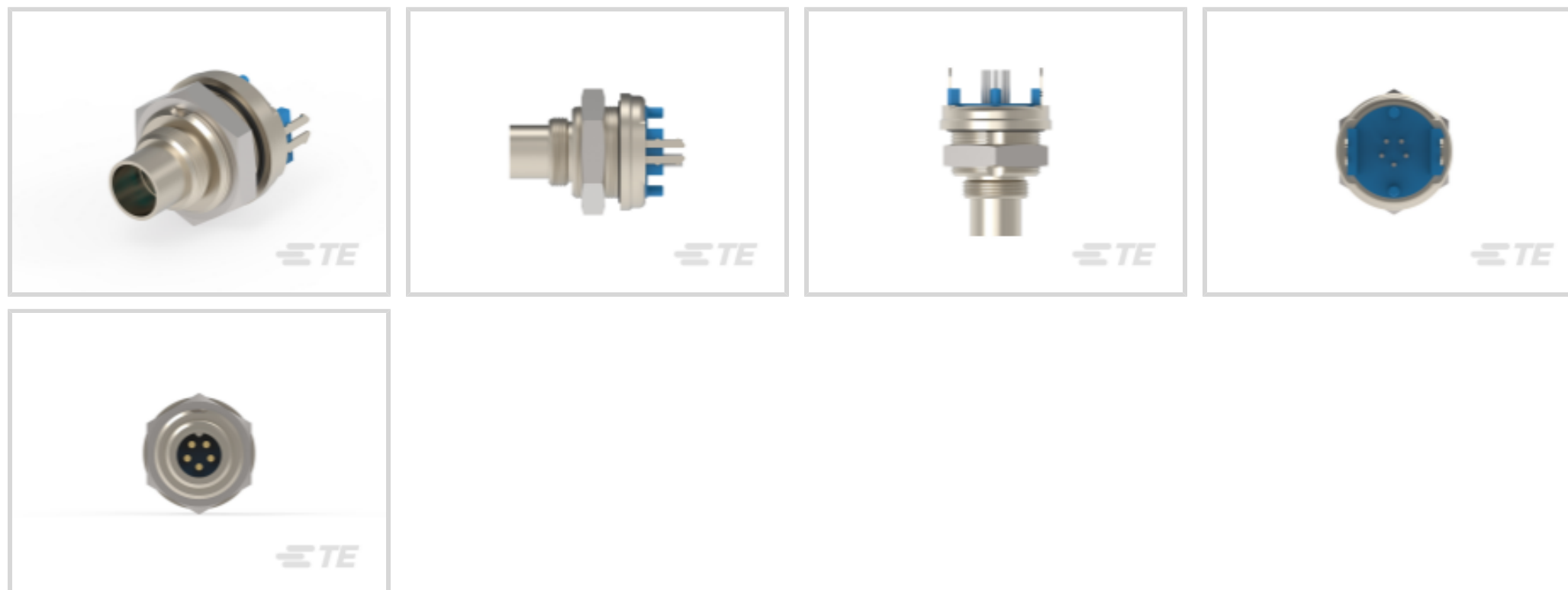
TE Internal #: 6-1437719-5

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

[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors



Number of Positions: 5

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

Sealable: **Yes**

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

Contact Current Rating (Max): **3 A**

Features

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
--------------------	----

Dimensions

Assembly Length	22.5 mm
Wire Size	24 AWG

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

Mechanical Attachment

Mating Alignment	With
Connector Mounting Type	Panel Mount
Mating Retention	With

Operation/Application

Durability Rating	500 Cycles
Circuit Application	Signal
Shielded	No

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	Plug
Shell Type	Metal

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	Pin

Usage Conditions

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

Other

EU RoHS Compliance

Compliant with Exemptions

EU ELV Compliance

Compliant with Exemptions

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 with Exemptions

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 (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

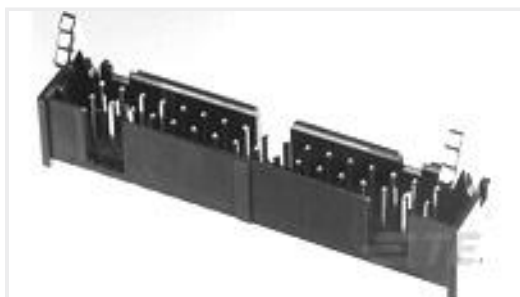


Also in the Series | [Triad 01 Panel/PCB Connector](#)



[Standard Circular Connectors\(24\)](#)

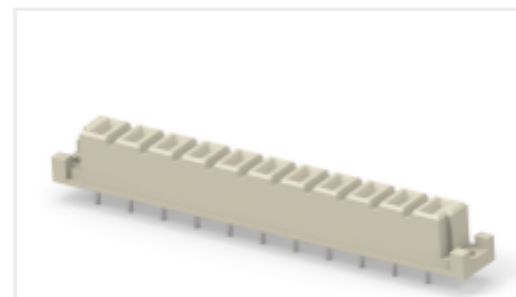
Customers Also Bought



TE Part #2-1761606-7
[IDC LOW PRO HDR 20P VERT LA](#)



TE Part #4-1437719-8
[T01-0560-P04-MALE REC PANEL-PCB MOUNT RA](#)



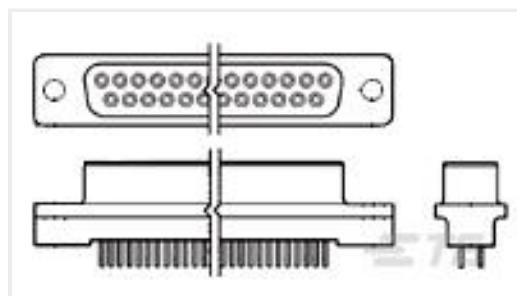
TE Part #424654-E
[STVH11 11 F B V 2 TL 4,3 * 197 E 105 TZV](#)



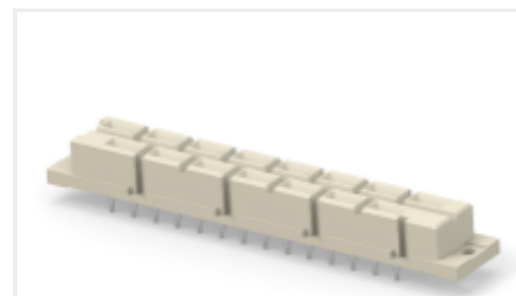
TE Part #2-1761607-5
[IDC LOW PRO HDR 14P RA LAT](#)



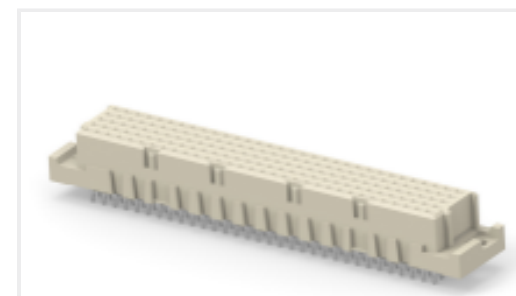
TE Part #3-1761603-1
[IDC LOW PRO HDR 34P VERT BLUE](#)



TE Part #5207826-4
[HD-20 RCPT 9P VERT](#)



TE Part #594752-E
[STVH15 15 F ZD VW 2 EE25 4,2 * 197 E 172](#)



TE Part #254123-E
[STVE 160 F ABCDE VVVV 7-00 EE 4,0 * 247](#)



TE Part #3-2176070-5
[3521 270R 1% 2W](#)



TE Part #8-1437719-7
[T01-0580-P05-MALE REC PANEL MOUNT SOLDER](#)

Documents

Product Drawings

[T01-0570-P05-MALE REC PANEL-PCB STRAIGHT](#)

English

[T01-0570-P05-MALE REC PANEL-PCB STRAIGHT](#)

English

CAD Files



3D PDF

3D

Customer View Model

[ENG_CVM_CVM_6-1437719-5_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-1437719-5_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-1437719-5_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