

6-1437719-0 ✓ ACTIVE



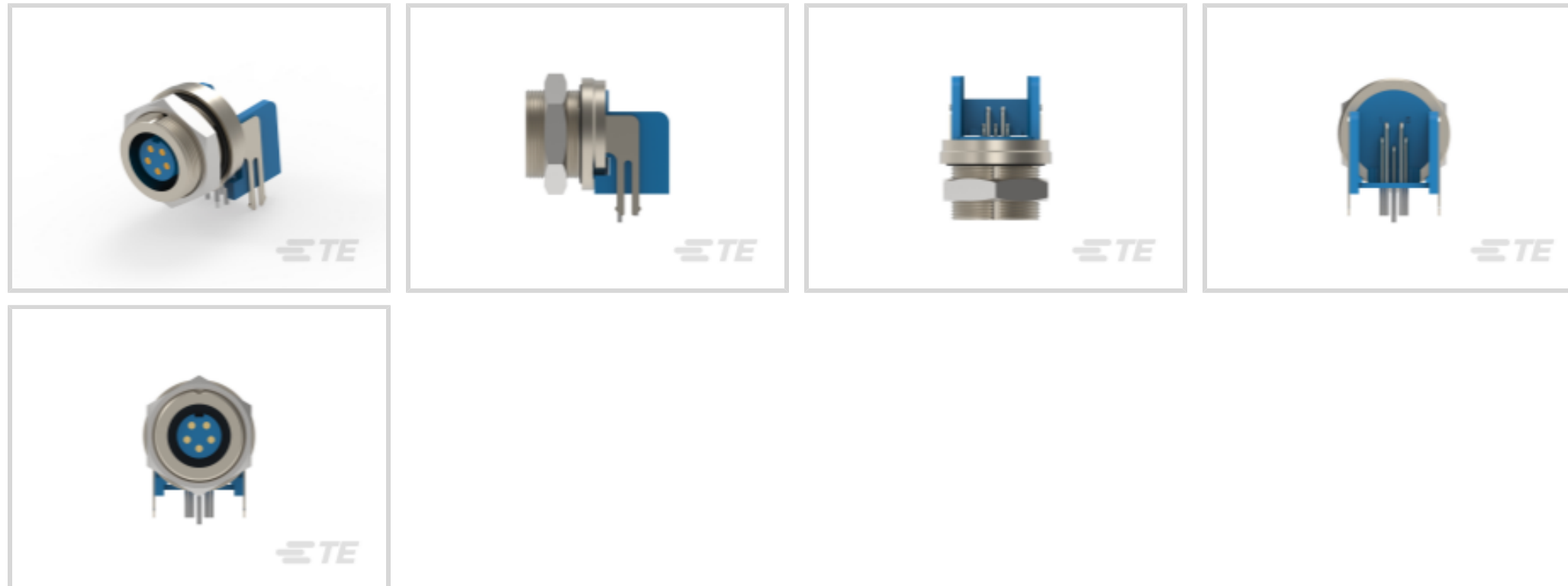
Triad 01 Panel/PCB Connector

TE Internal #: 6-1437719-0

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
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Termination Features

Termination Method to PCB	Through Hole - Solder
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Industry Standards

UL Flammability Rating	UL 94V-2
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Packaging Features

Packaging Quantity	25
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Dimensions

Assembly Length	19.2 mm
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Wire Size	24 AWG
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Body Features

Environmental Protection Type	Sealed
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Environmental Protection	IP65
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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	Receptacle
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	Socket

Usage Conditions

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

EU RoHS Compliance	Compliant with Exemptions
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EU ELV Compliance	Compliant
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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
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2024 (241)</p> <p>Candidate List Declared Against: JUNE 2024 (241)</p> <p>SVHC > Threshold:</p> <p>Pb (3% in Component Part)</p>
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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.
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Solder Process Capability	Hand solderable with lead free solder
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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)

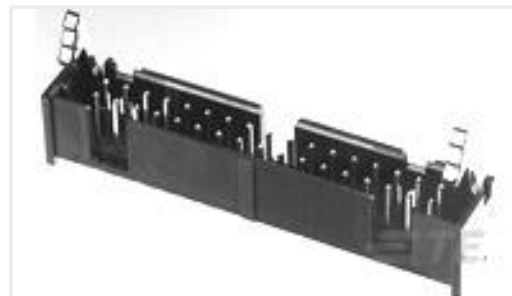
Customers Also Bought



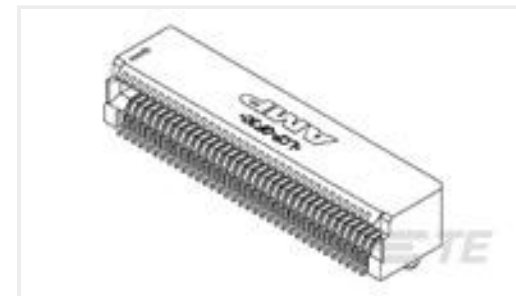
TE Part #5-1571999-6
ADPA0804=PIANO DIP SWITCH



TE Part #7-1437719-2
T01-0570-S05-FEMALE REC PANEL-PCB STRT



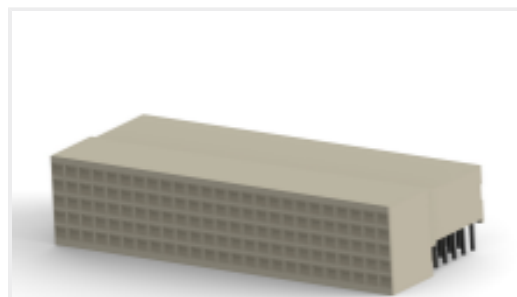
TE Part #1-1761608-1
IDC LOW PRO HDR 34P VERT SHT L



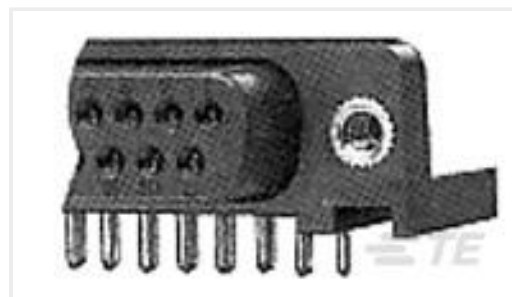
TE Part #1367337-1
70 POS PT CONNECTOR, X2, XENPAK, 15 AU



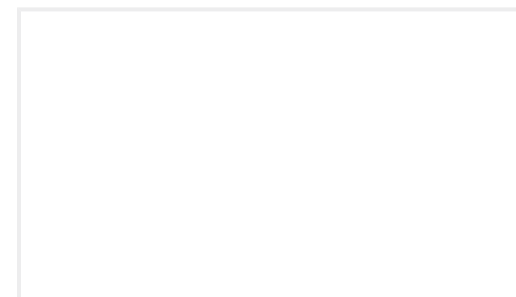
TE Part #2-2176070-1
3521 68R 1% 2W



TE Part #CAT-472-Z12553
HM Receptacle Connector: Traditional Backplane, Coplanar, 2mm



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



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

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