



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **8**

Centerline (Pitch): **5 mm [.197 in]**

Features

Industry Standards

UL Flammability Rating	UL 94V-2
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Packaging Features

Packaging Method	Bag & Box
Packaging Quantity	600

Mechanical Attachment

Locking Latch Between Cavity Number	1 + 2, 7 + 8
Mating Retention Type	Lock
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA 6.6
Centerline (Pitch)	5 mm[.197 in]

Configuration Features

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Keying & Polarized Rib Location	2 + 3
Number of Positions	8
Number of Rows	1

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Body Features

Primary Product Color	Natural
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	Compliant
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free



Solder Process Capability

Not applicable for solder process capability

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 # 1703073-1 2POS MT-EDGE HOUSING	 TE Part # 1703114-1 6POS MT - EDGE HOUSING	 TE Part # 1703071-1 2POS MT-EDGE HOUSING	 TE Part # 1703081-1 3POS MT - EDGE HOUSING
 TE Part # 927157-1 4P MT-EDGE GEH	 TE Part # 1703111-1 6POS MT - EDGE HOUSING	 TE Part # 1703104-1 5 POS MT - EDGE HOUSING	 TE Part # 928017-1 6P MT-EDGE GEH
 TE Part # 1-1703080-1 3POS MT - EDGE HOUSING	 TE Part # 1-1703082-1 3POS MT - EDGE HOUSING	 TE Part # 1703128-1 8POS MT - EDGE HOUSING	 TE Part # 1703133-1 9POS MT - EDGE HOUSING





TE Part # 927156-1
3P MT-EDGE GEH



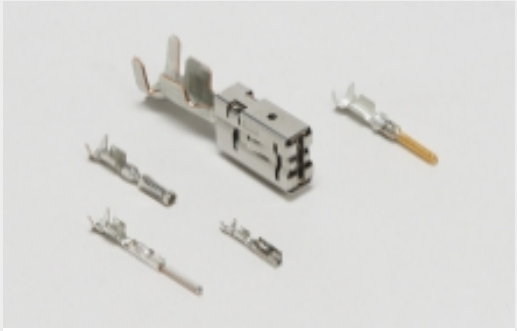
TE Part # 927155-1
2P MT-EDGE GEH



TE Part # 1703119-1
7POS MT - EDGE HOUSING

Also in the Series

RAST 5D



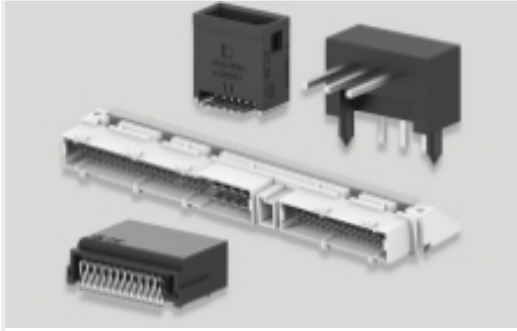
Automotive Terminals(8)



Connector Contacts(14)



Insertion & Extraction Tools(1)



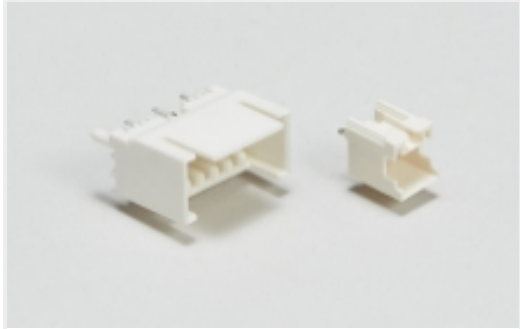
PCB Headers & Receptacles(417)



Power Contacts(5)



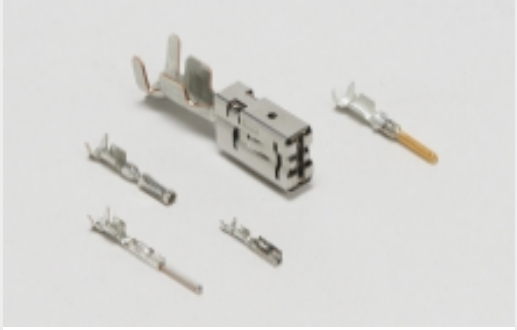
Wire-to-Board Connector Assemblies & Housings(198)



Wire-to-Board Headers & Receptacles (417)

Also in the Series

RAST 5 IDC Connectors



Automotive Terminals(8)



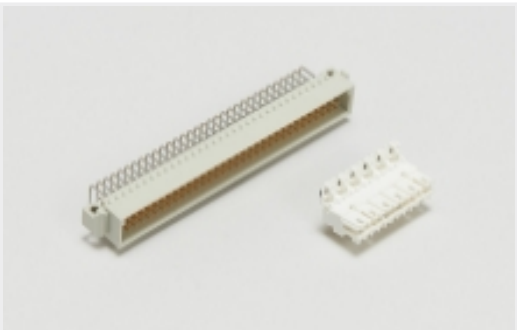
Connector Contacts(14)



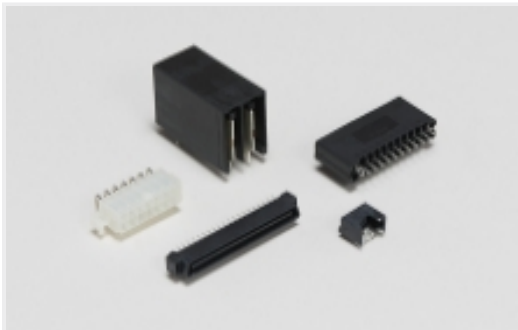
Power Contacts(5)



Rectangular Connector Housings(1)



Standard Edge Connectors(31)

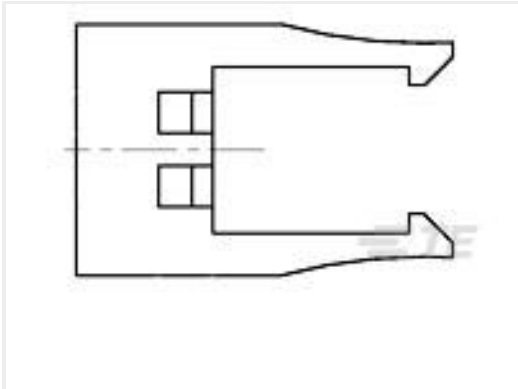


Standard Rectangular Connectors(63)

Customers Also Bought



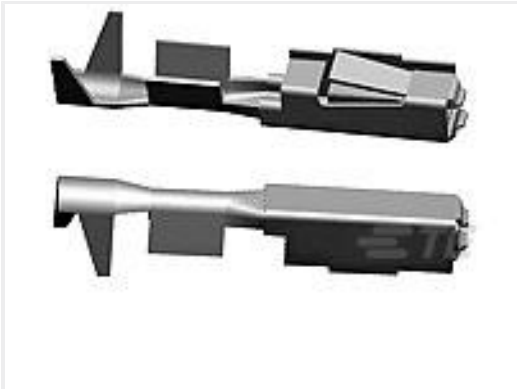
TE Part #CAT-T4827-CH8172
Timer Connector Housing



TE Part #926477-1
RETENTION FORK



TE Part #2-179694-5
CT MT REC ASSY 5P GRAY



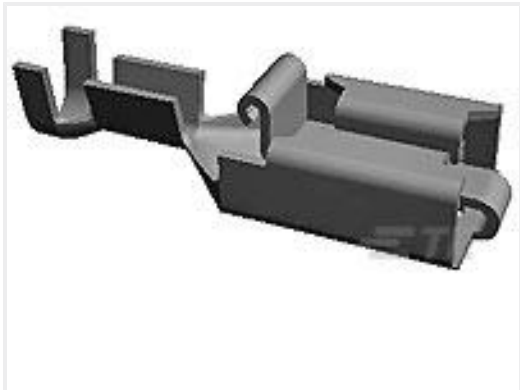
TE Part #5-928999-6
MQS0,63 Ag rec LL unseal. >0,2-0,35



TE Part #8-1768019-1
ESSW1-050



TE Part #1768020-2
ESSW19-052



TE Part #160773-6
PL LOOSE PIECE REC 0.5-1.5 MM2 PTPBR



TE Part #927783-3
JPT REC 2.8 Contact SRC Sn (LP)



TE Part #2-1625999-4
HSC100 2K2 5%

Documents

Product Drawings
8POS MT - EDGE HOUSING
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1703129-1_C_c-1703129-1-c.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1703129-1_C_c-1703129-1-c.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1703129-1_C_c-1703129-1-c.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[RAST Connector System Catalog](#)

English