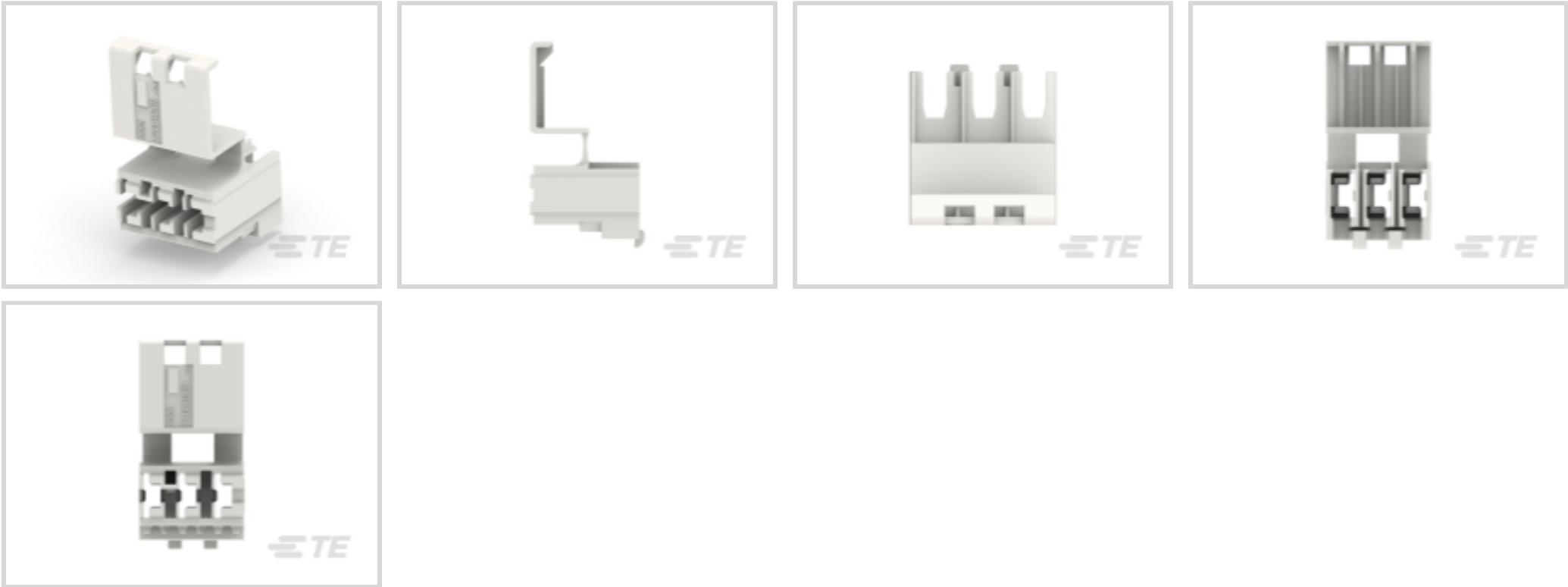




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Board**
Number of Positions: **3**
Centerline (Pitch): **5 mm [.197 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	3
Number of Rows	1

Body Features

Primary Product Color	Natural
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

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

Housing Features

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

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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Industry Standards

UL Flammability Rating	UL 94V-2
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Packaging Features

Packaging Method	Bag & Box
Packaging Quantity	2000

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 1-1703081-1 3POS MT-EDGE HOUSING	 TE Part # 1703111-1 6POS MT - EDGE HOUSING	 TE Part # 1703129-1 8POS 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 # 1703128-1 8POS MT - EDGE HOUSING	 TE Part # 1-1703082-1 3POS MT - EDGE HOUSING
 TE Part # 1-1703083-1 3POS MT - EDGE HOUSING	 TE Part # 927157-1 4P MT-EDGE GEH	 TE Part # 1703071-1 2POS MT-EDGE HOUSING	 TE Part # 1703114-1 6POS MT - EDGE HOUSING
 TE Part # 1703079-1 3POS MT - EDGE HOUSING	 TE Part # 927155-1 2P MT-EDGE GEH	 TE Part # 1703119-1 7POS MT - EDGE HOUSING	 TE Part # 927156-1 3P MT-EDGE GEH

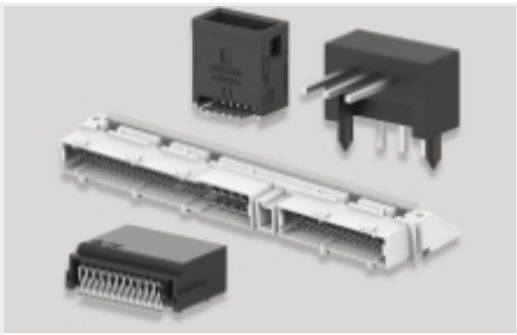
Also in the Series | RAST 5D



Connector Contacts(12)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(417)



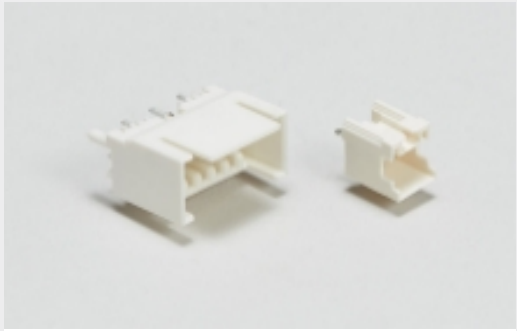
Power Contacts(3)



Rectangular Power Connectors(481)



Wire-to-Board Connector Assemblies & Housings(197)

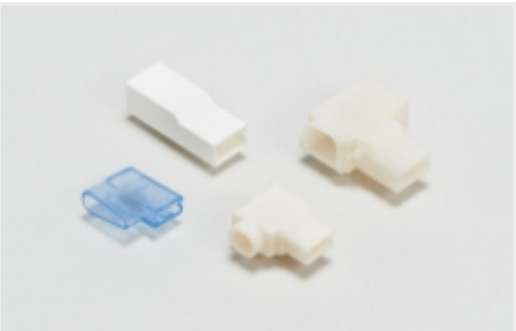


Wire-to-Board Headers & Receptacles (417)

Also in the Series | **RAST 5 IDC Connectors**



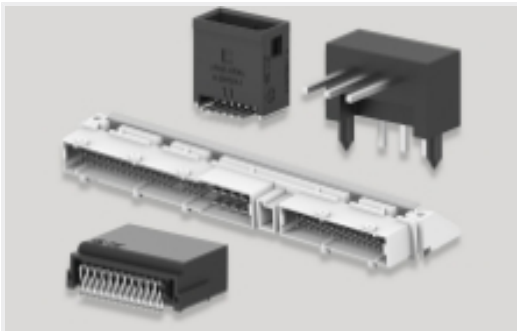
Connector Contacts(12)



Crimp Terminal Housings(39)



Insertion & Extraction Tools(1)



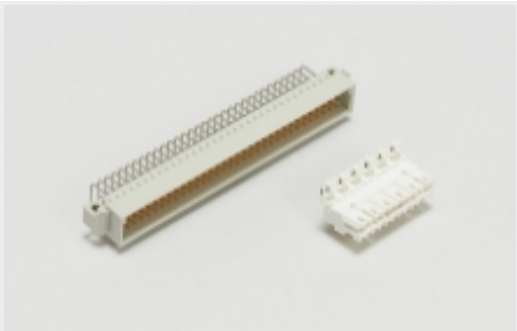
PCB Headers & Receptacles(417)



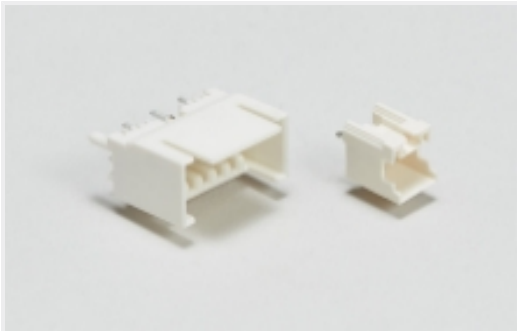
Power Contacts(3)



Rectangular Power Connectors(481)



Standard Edge Connectors(31)



Wire-to-Board Headers & Receptacles (417)

Customers Also Bought





TE Part #2141026-1
RELAY BOX ASSY, HARD WIRED



TE Part #6-535512-4
10 MODII HORZ DR CE EESS .100



TE Part #103166-5
14 MODII HDR DRRA SHRD .100CL



TE Part #1-2132230-6
EP2.5 Shrouded HDR ASSY 16P VE



TE Part #1-1625868-7
RP 2A 0.25W 6K81 0.1% 25PPM 1K RL



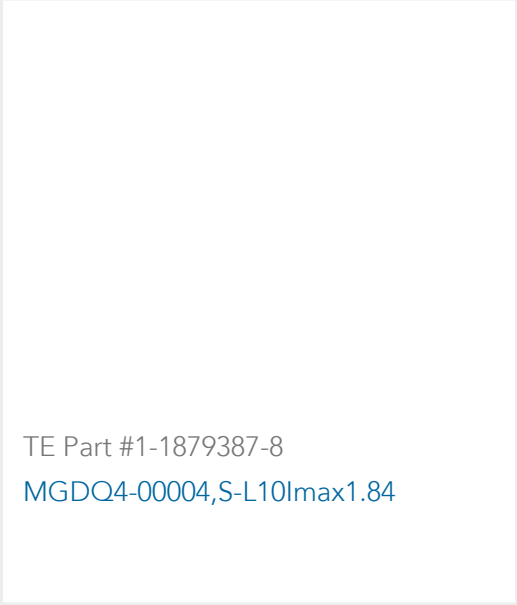
TE Part #4-2176375-9
RQ 0805 3K65 0.1% 10PPM 1K RL



TE Part #3-647001-6
06P MTA100 PSTD CONN ASSY SN



TE Part #926972-1
MT-EDGE CRIM CONTACT



TE Part #1-1879387-8
MGDQ4-00004, S-L10Imax1.84



TE Part #2102350-5
CONTACT SOCKET SIZE 24-26 HOOD

Documents

Product Drawings
3POS MT - EDGE HOUSING
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1703081-1_B.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1703081-1_B.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1703081-1_B.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