



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

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

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

Locking Latch Between Cavity Number	1 + 2, 7 + 8
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	600

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



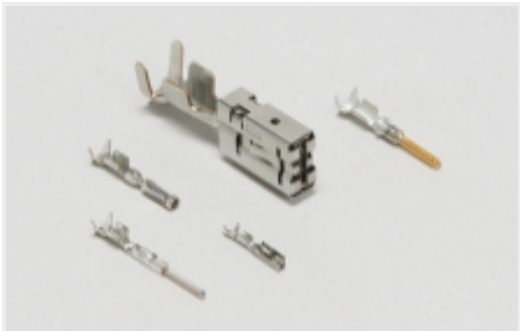
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-1703080-1 3POS MT - EDGE HOUSING	 TE Part # 1703128-1 8POS MT - EDGE HOUSING	 TE Part # 1-1703082-1 3POS MT - EDGE HOUSING	 TE Part # 1703133-1 9POS 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	 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 # 927157-1 4P MT-EDGE GEH	 TE Part # 1703073-1 2POS MT-EDGE HOUSING
 TE Part # 1703071-1 2POS MT-EDGE HOUSING	 TE Part # 1703114-1 6POS MT - EDGE HOUSING	 TE Part # 1703081-1 3POS MT - EDGE HOUSING	



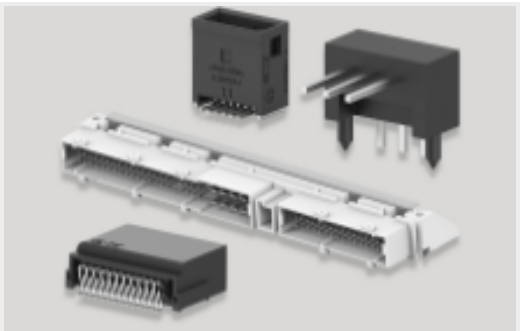
Also in the Series | **RAST 5D**



Automotive Terminals(8)



Connector Contacts(12)



PCB Headers & Receptacles(417)



Power Contacts(3)



Rectangular Power Connectors(481)



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

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



Connector Contacts(12)



Power Contacts(3)



Rectangular Connector Housings(1)



Rectangular Power Connectors(481)



Standard Edge Connectors(31)



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

Customers Also Bought



TE Part #1-794606-2
MICRO MNL RPT CNT STRP 30AU LF



TE Part #212618-1
CONTACT PIN ASSY.



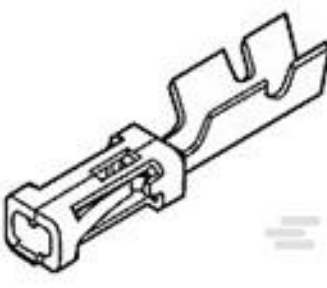
TE Part #164161-4
M-SRS.PIN BODY 3+



TE Part #8-215083-0
MICRO-MATCH MOW.10P



TE Part #212609-1
RECEPT HSG,4 POSN,METRIMATE



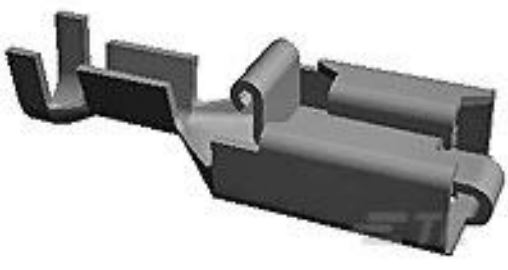
TE Part #2-167301-4
MOD-4 REC.CONT.SCP



TE Part #1-480721-0
03P CMNL PLUG HSG W/LOK NATL



TE Part #211149-1
PIN HSG,25 POSN,METRIMATE



TE Part #928901-3
PL 250 REC TERMINAL 17-13 AWG
TPBR LP



TE Part #926770-1
MT.EDGE CRIMP CONT.

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

1703129-1

Housing, Receptacle, Wire-to-Board, 8 Position, 5 mm [.197 in] Centerline, Insulation
Displacement (IDC), 1 Row, Natural, RAST 5 IDC Connectors



[RAST Connector System Catalog](#)

English