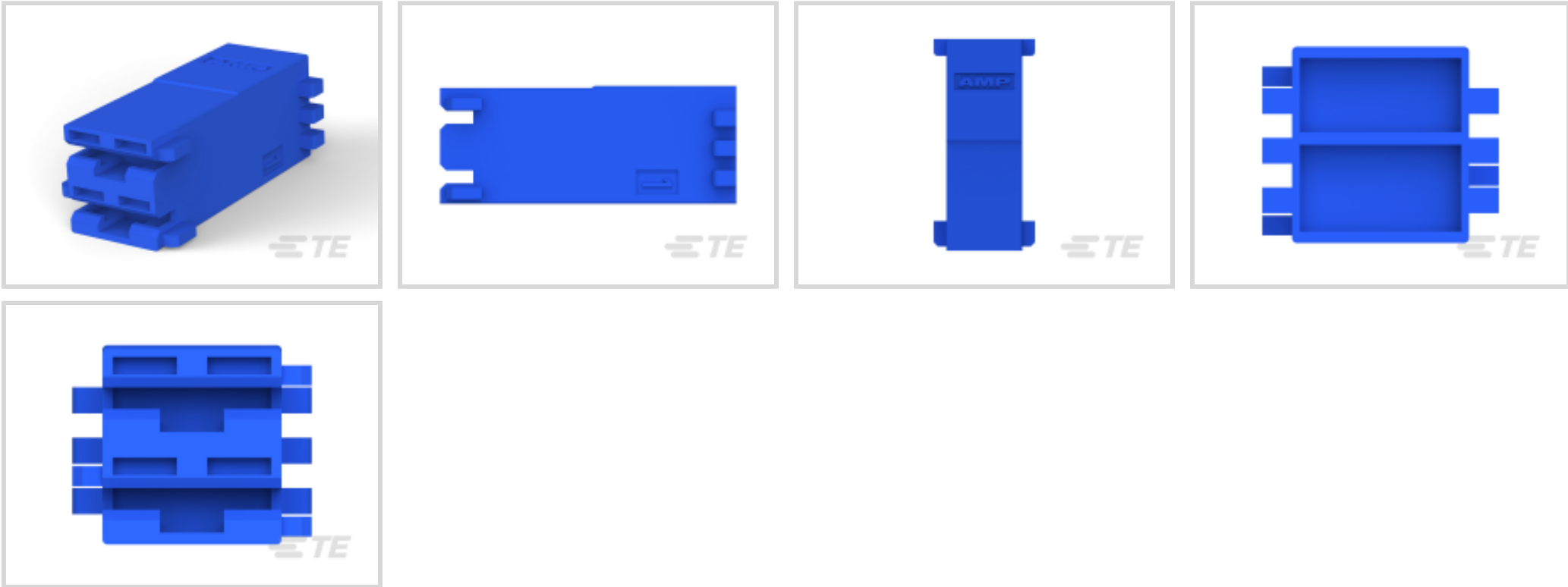




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Cable-to-Board**

Number of Positions: **2**

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

Features

Product Type Features

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

Configuration Features

Keying & Polarized Position Locations	1D
Number of Positions	2
Number of Rows	1

Contact Features

Contact Type	Socket
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Entry Configuration	Both Ends Closed
Housing Material	Nylon 66/6
Centerline (Pitch)	5 mm[.197 in]
Housing Color	Blue

Dimensions

Connector Length	9.2 mm[.362 in]
Connector Height	12.2 mm[.48 in]
Row-to-Row Spacing	5 mm[.197 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1
Packaging Method	Package

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 2021 (211)
Candidate List Declared Against: JAN 2021 (211)
Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

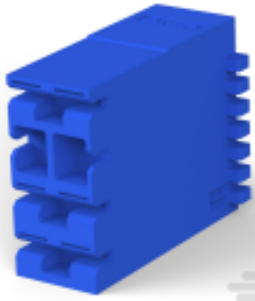
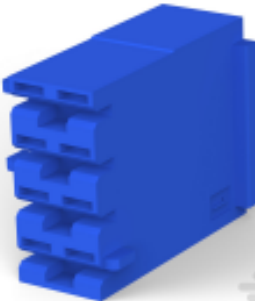
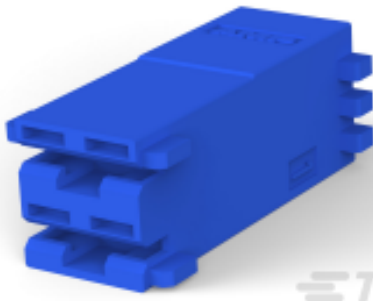
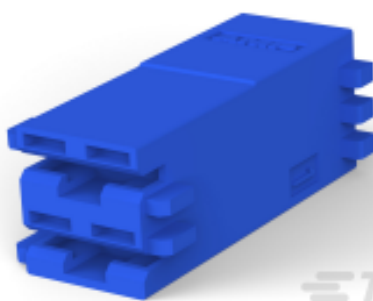
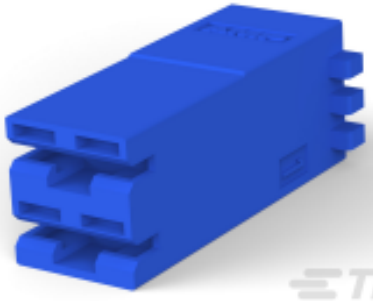
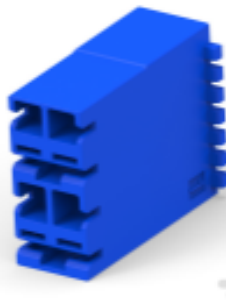
Solder Process Capability

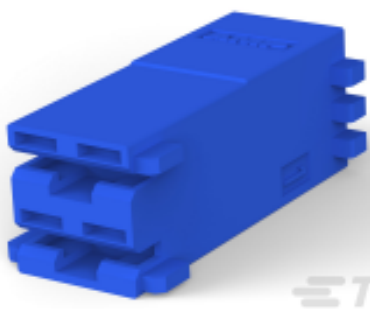
Not applicable for solder process capability

Product Compliance Disclaimer

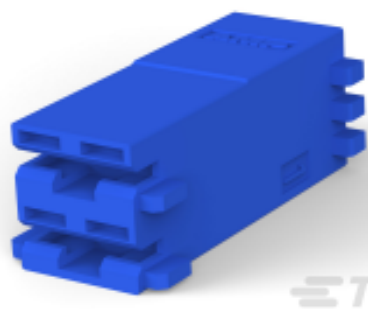
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 521295-1 HOUSING, POSITIVE LOCK, RAST	 TE Part # 521206-1 POSI-LOK HSG.250-4 POS RAST5	 TE Part # 521204-1 POSI-LOK HSG.250-2 POS RAST5	 TE Part # 521204-6 RAST 5,HSG,2P,POSILOCK MKIII
 TE Part # 521204-5 HSG,POS LOC,MARKIII,250 SRS,2P	 TE Part # 1-521204-1 RAST 5,HSG,2P,GWT POSILOCK MKI	 TE Part # 1969371-2 HSG, RAST 5 POSITIVE LOCK, 4P 2C	 TE Part # 521204-3 HSG,2P,POS LOCK,MKIII,250 SERI



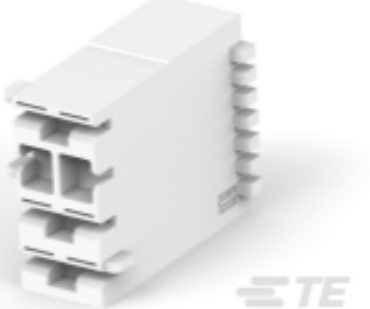
TE Part # 521204-7
RAST 5,HSG,2P,POSILOCK MKIII



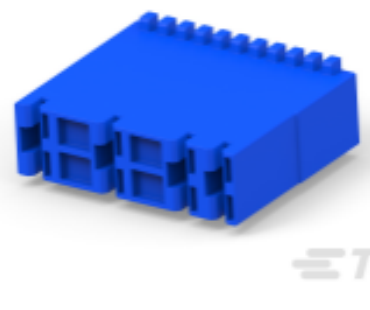
TE Part # 521204-8
RAST 5,HSG,2P,POSILOCK MKIII



TE Part # 521206-6
POSI-LOK HSG.250-4 POS RAST5



TE Part # 521295-2
HSG,P LOCK,MKIII,250 SER,4P/3C



TE Part # 521435-1
HSG,POS-LOK,MARK3.250SRS,6P/4C



TE Part # 1-521204-0
POSI-LOK HSG 250 RAST5 spec



TE Part # 1969429-2
HOUSING, POSITIVE-LOCK MK III, RAST5, 2P



TE Part # 1969429-3
HOUSING, POSITIVE-LOCK MK III, RAST5, 2P



TE Part # 1969429-4
HOUSING, POSITIVE-LOCK MK III, RAST5, 2P



TE Part # 1969439-1
HSG, POSITIVE-LOCK, MKIII, .250,3 POS

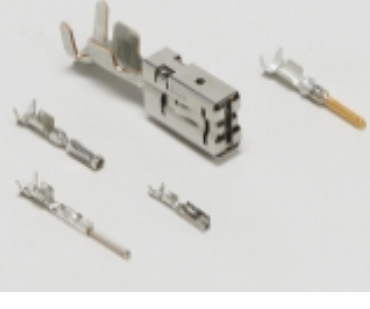


TE Part # 1969439-2
HSG, POSITIVE-LOCK, MKIII, .250,3 POS



TE Part # 1969439-3
HSG, POSITIVE-LOCK, MKIII, .250,3 POS

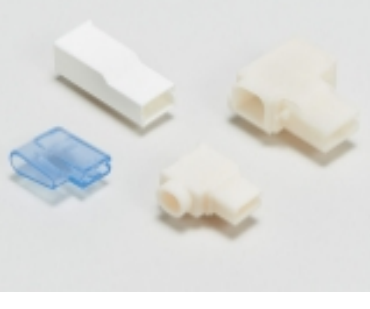
Also in the Series | RAST 5 IDC Connectors



Automotive Terminals(8)



Connector Contacts(12)



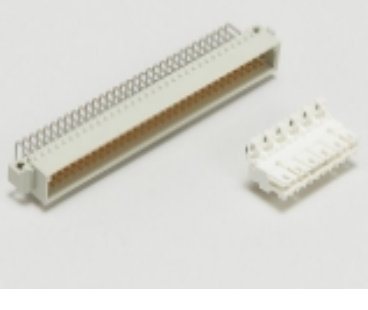
Crimp Terminal Housings(41)



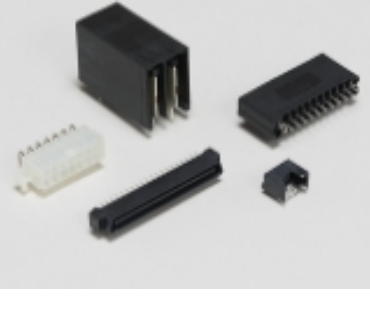
Insertion & Extraction Tools(1)



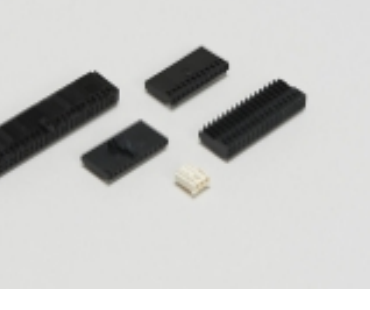
Rectangular Connector Housings(1)



Standard Edge Connectors(36)



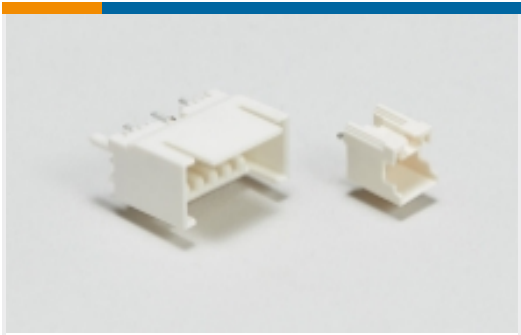
Standard Rectangular Connectors(138)



Wire-to-Board Connector Assemblies & Housings(214)



Wire-to-Board Connector Contacts(2)



Wire-to-Board Headers & Receptacles (424)

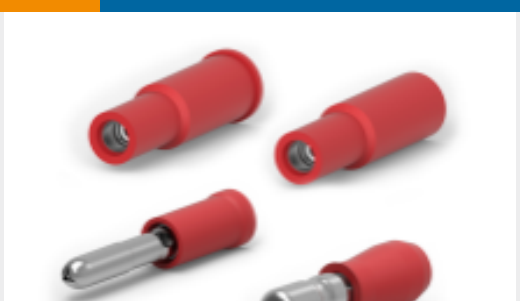
Customers Also Bought



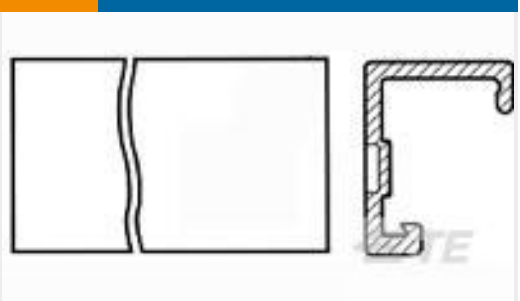
TE Part #1217094-2
RCPT 250 POS-LOCK 18-14 TPBR



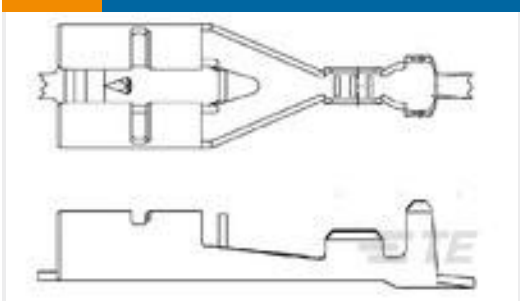
TE Part #1969608-6
6P VAL-U-LOK TPA 22-18 AWG



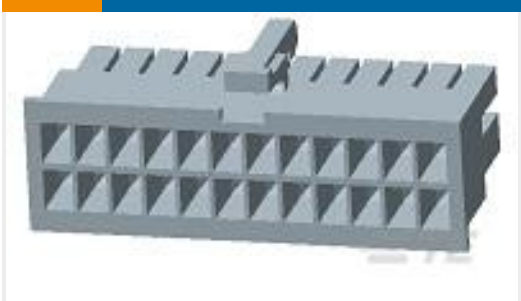
TE Part #165399-1
PIDG SHUR PLUGS



TE Part #1-640551-2
12P MTA156 COVER



TE Part #1380087-1
PL MKIII L.I.F 250 REC 0.5-1.0 MM2 BR



TE Part #1-1969614-6
16P RCPT VAL-U-LOK V0



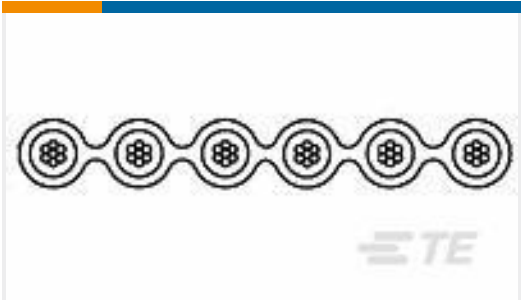
TE Part #1-2133394-2
187 FASTON HSG.,REC.,1 POS,BLACK



TE Part #1-61795-0
RING 18-14 105-145 #10 025TPBR



TE Part #881607-1
FASTON 110 REC 0.5-1.0 MM2 0.25 X12.30 BR



TE Part #1-57040-3
Madison Spec 100-4703 Rev. 7

Documents

Product Drawings

HSG RCPT POSI MK 111 250 2POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_521204-2_AB.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_521204-2_AB.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521204-2_AB.3d_stp.zip](#)

English

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

Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[UL Report](#)

English