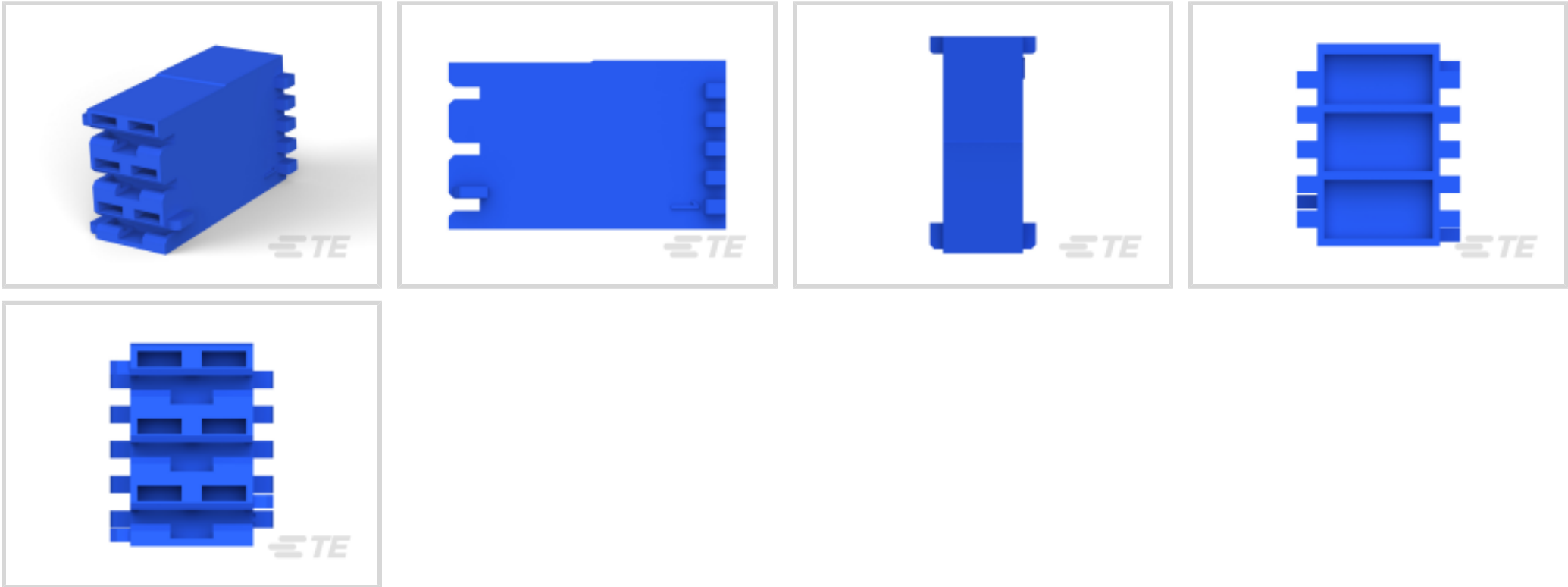




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



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
Keying & Polarized Position Locations	1B

Housing Features

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

Termination Features



Termination Method to Wire & Cable	Crimp
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Dimensions

Row-to-Row Spacing	5 mm[.197 in]
Connector Height	15.12 mm[.595 in]
Wire Size	22 – 14 AWG
Connector Length	9.2 mm[.362 in]

Body Features

Primary Product Color	Blue
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Mechanical Attachment

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

Operation/Application

Circuit Application	Power & Signal
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Usage Conditions

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Contact Features

Contact Base Material	Brass
Contact Type	Socket

Industry Standards

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

Packaging Features

Packaging Method	Package
Packaging Quantity	1



Product Compliance

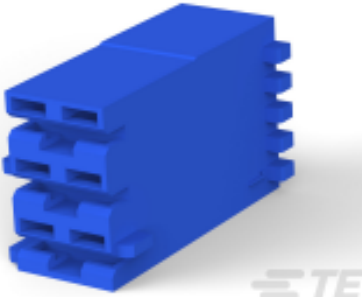
For compliance documentation, visit the product page on TE.com>

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 reviewed for solder process capability

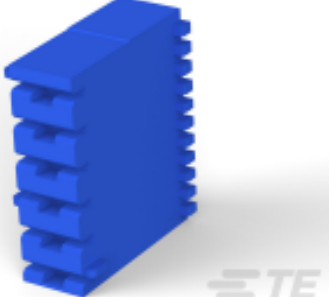
Product Compliance Disclaimer

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>

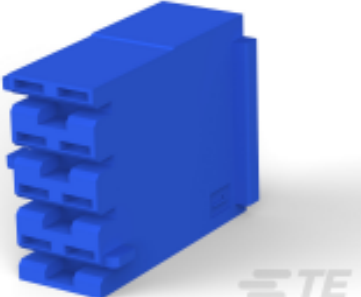
Compatible Parts



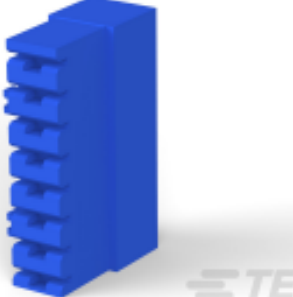
TE Part # 521205-1
POSI-LOK HSG.250-3 POS RAST5



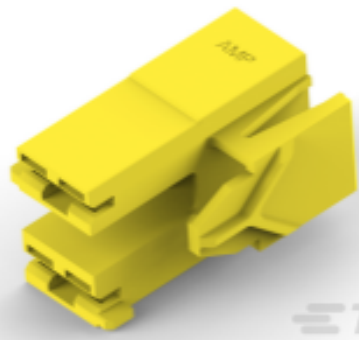
TE Part # 521208-1
POSI-LOK HSG.250-6 POS RAST5



TE Part # 521206-1
POSI-LOK HSG.250-4 POS RAST5



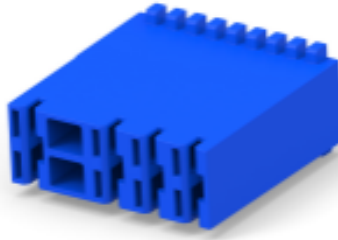
TE Part # 521210-1
POSI-LOK HSG.250-8 POS RAST5



TE Part # 5-1969536-2
GWHSG,RECP,POSILOK MKIII ,
250SER,3P 2CIR



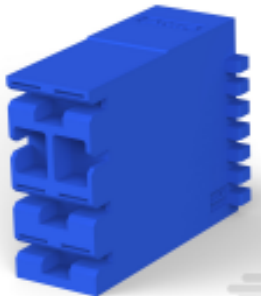
TE Part # 521205-6
RAST 5, P-L HSG.-3 POS (03-K)



TE Part # 521267-1
POSI-LOK HSG.250-5 POS RAST5



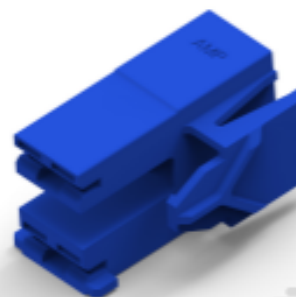
TE Part # 521210-5
HSG,RAST 5,POSI LOCK MKIII,8P



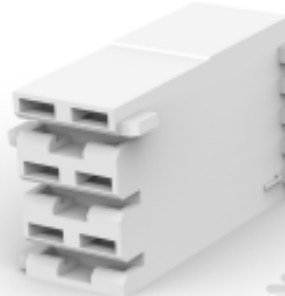
TE Part # 521295-1
HOUSING, POSITIVE LOCK, RAST



TE Part # 1-521205-1
RAST 5, P-L MK3 HSG.-3 POS



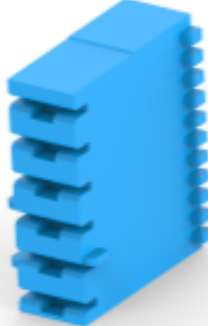
TE Part # 5-1969536-5
GWHSG,RECP,POSILOK MKIII ,
250SER,3P 2CIR



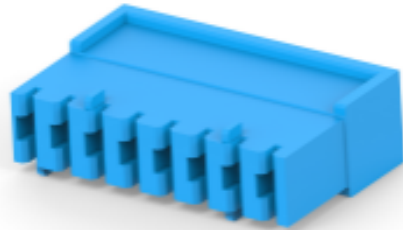
TE Part # 521205-7
RAST 5, P-L mk3 HSG.-3 POS (sp



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



TE Part # 521208-4
HSG,250 POSI-LOCK,MKIII,6 POS,



TE Part # 521210-3
HSG,POS-LOC,MKIII,250SERIES,6P

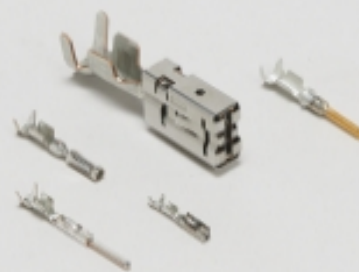


TE Part # 521205-2
HSG,3P,POS LOCK,MKIII,250 SERI

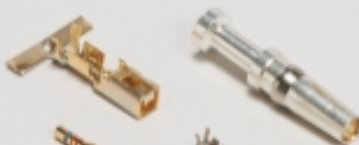


TE Part # 521205-3
HSG,POSI-LOCK MKIII RAST,3P

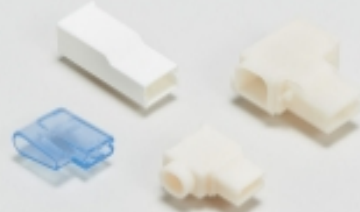
Also in the Series | **RAST 5 IDC Connectors**



Automotive Terminals(8)



Connector Contacts(14)



Crimp Terminal Housings(39)



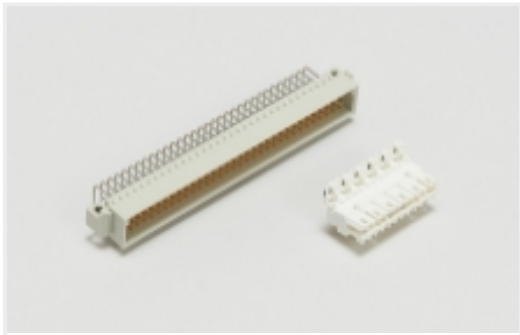
Insertion & Extraction Tools(1)



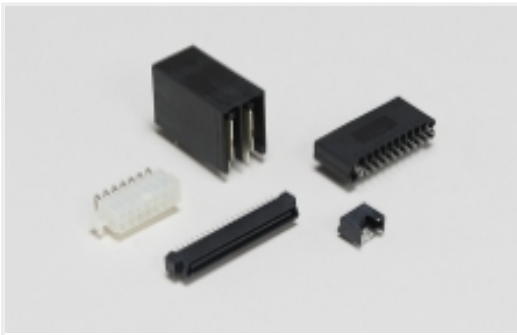
PCB Headers & Receptacles(417)



Rectangular Connector Housings(1)



Standard Edge Connectors(32)

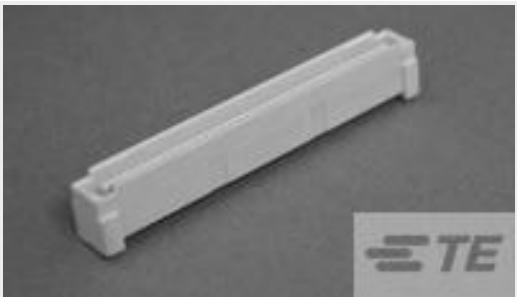


Standard Rectangular Connectors(63)

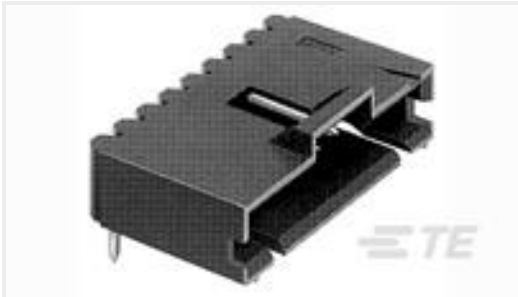


Wire-to-Board Connector Assemblies & Housings(203)

Customers Also Bought



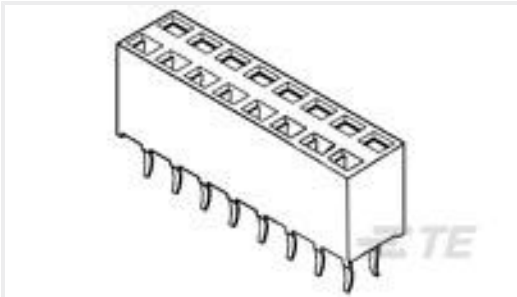
TE Part #5179031-3
0.8FH,P08H.5,080,08/Sn,TU



TE Part #103635-3
04 MTE HDR SRRA LATCH .100CL



TE Part #2-1437565-7
FSM2JSMA=SMT,TACTILE,PB SWITCH



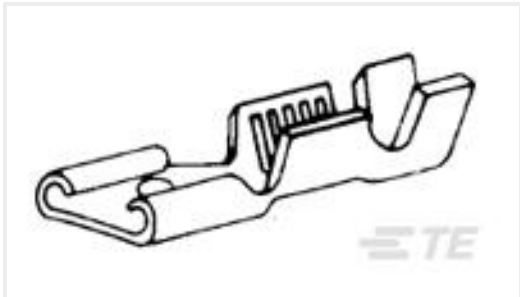
TE Part #1-215307-2
2X12P HV100 REC CON. TE, 7.0MM



TE Part #5-103635-2
03 MTE HDR SRRA LTCH.100CL LF



TE Part #2-1825910-7
FSM14JH=6MM TACT SWITCH, HIGH TEMP



TE Part #60384-2
.250 FAST REC IS 1000 TPBR



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



TE Part #521207-3
HSG POSI-LOCK MARK III



TE Part #2-2176328-0
CRGP 1206 390R 1%

Documents



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_521205-9_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_521205-9_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_521205-9_R.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

Agency Approvals

UL Report

English