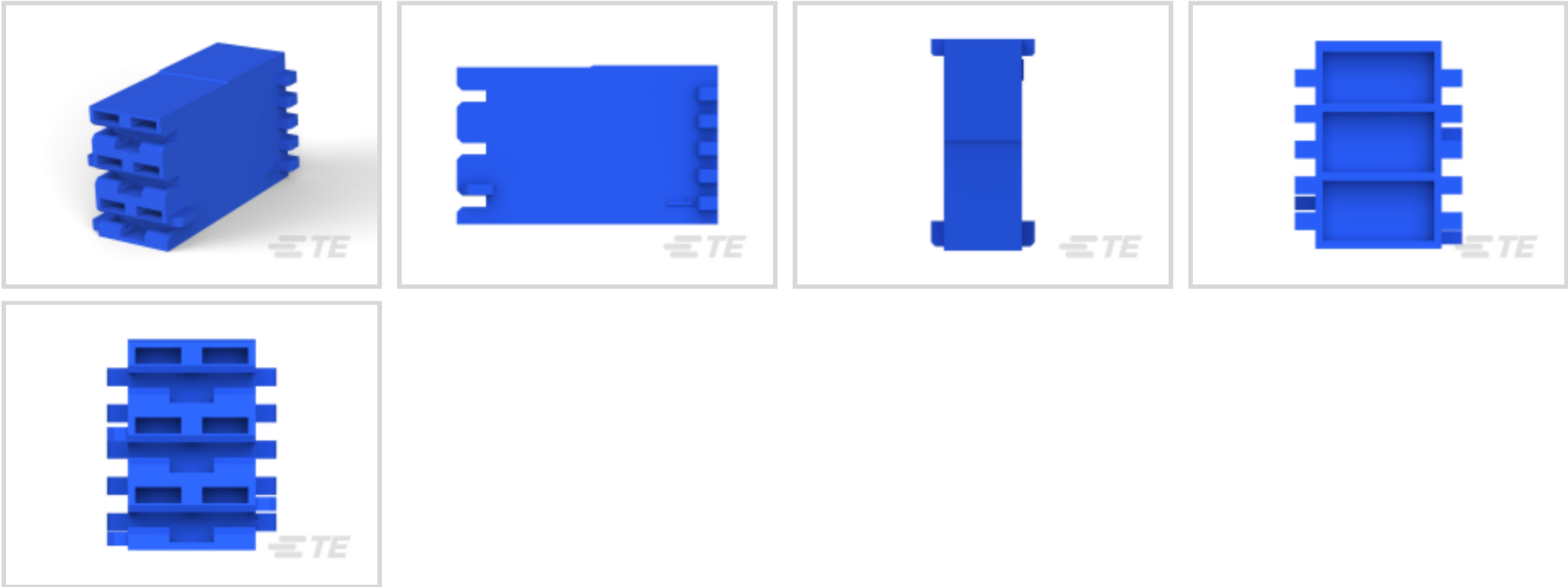




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



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

Keying & Polarized Position Locations	1C, 2D
Number of Positions	3
Number of Rows	1

Contact Features

Contact Type	Socket
Contact Base Material	Brass

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	PA 6/66 Nylon
Centerline (Pitch)	5 mm[.197 in]
Housing Color	Blue

Dimensions

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

Usage Conditions

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
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Operation/Application

Circuit Application	Power & Signal
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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
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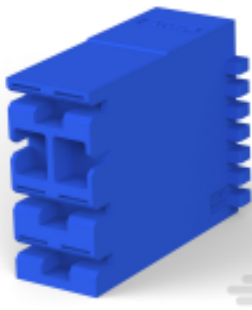
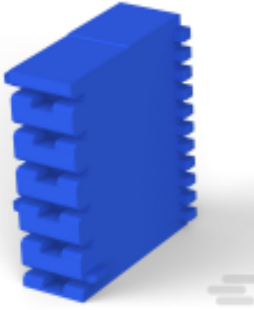
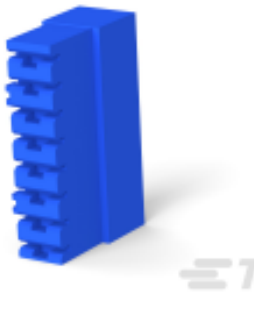
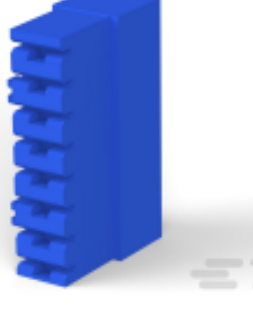
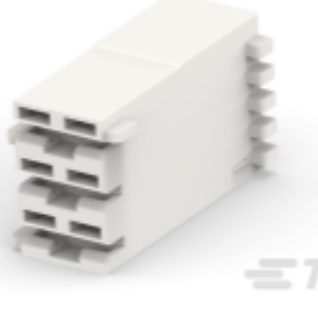
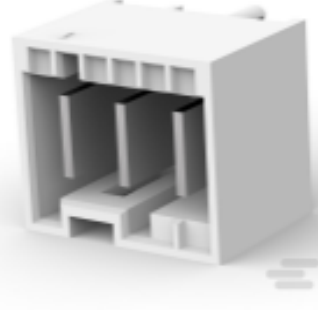


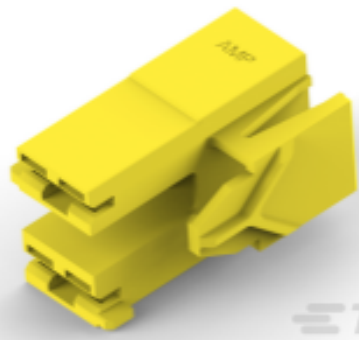
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low 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

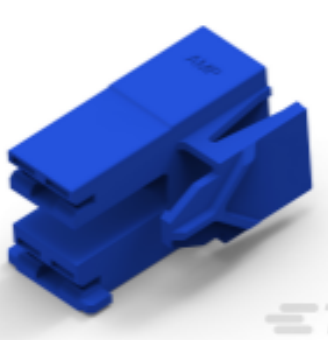
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

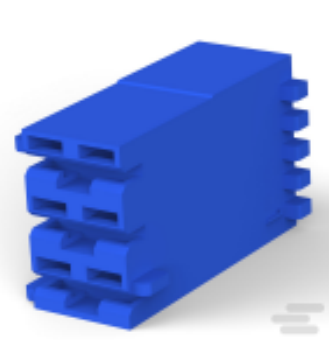
 TE Part # 521295-1 HOUSING, POSITIVE LOCK, RAST	 TE Part # 521208-1 POSI-LOK HSG.250-6 POS RAST5	 TE Part # 521205-6 RAST 5, P-L HSG.-3 POS (03-K)	 TE Part # 521205-7 RAST 5, P-L mk3 HSG.-3 POS (sp)
 TE Part # 521210-5 HSG, RAST 5, POSI LOCK MKIII, 8P	 TE Part # 521210-1 POSI-LOK HSG.250-8 POS RAST5	 TE Part # 1-521205-1 RAST 5, P-L MK3 HSG.-3 POS	 TE Part # 2232532-3 3P, PL RAST 5 Tab Header, TH, Vertical



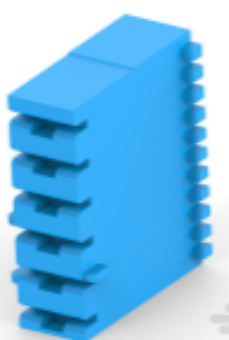
TE Part # 5-1969536-2
GWHSG,RECP,POSILOK MKIII ,
250SER,3P 2CIR



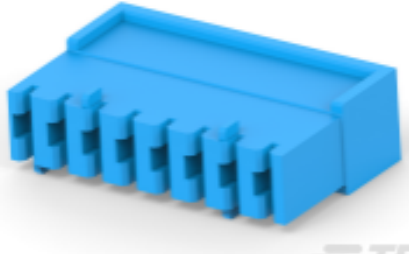
TE Part # 5-1969536-5
GWHSG,RECP,POSILOK MKIII ,
250SER,3P 2CIR



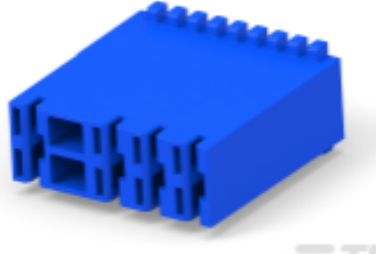
TE Part # 521205-9
RAST 5 HSG,3P



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



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



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



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



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

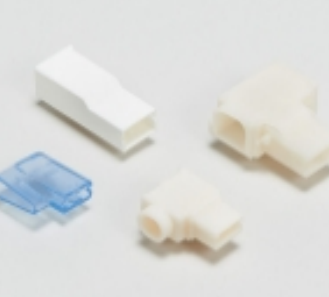
Also in the Series | RAST 5 IDC Connectors



Automotive Terminals(8)



Connector Contacts(12)



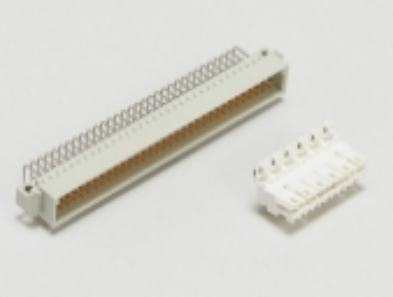
Crimp Terminal Housings(41)



Insertion & Extraction Tools(1)



Rectangular Connector Housings(1)



Standard Edge Connectors(36)



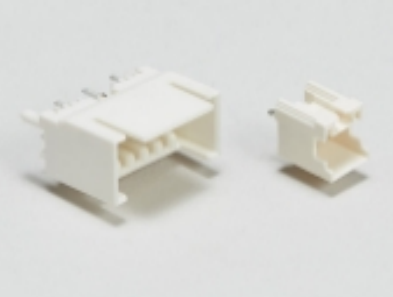
Standard Rectangular Connectors(138)



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



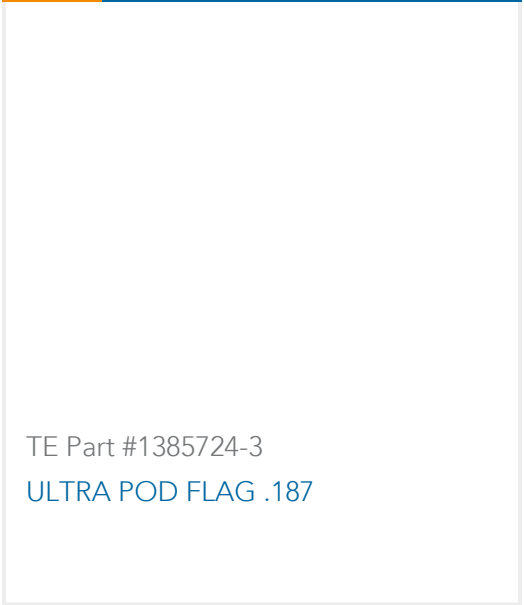
Wire-to-Board Connector Contacts(2)



Wire-to-Board Headers & Receptacles
(424)

Customers Also Bought



 TE Part #1217094-2 RCPT 250 POS-LOCK 18-14 TPBR	 TE Part #1-480703-1 04P UMNL CAP HSG BRN	 TE Part #1217917-2 250 FASTON,LIF REC.,18-14 AWG,BR	 TE Part #928247-4 4P ST-TIMER GEH
 TE Part #1-282047-1 AMP MONO-SHAPE P.C.B.CONN7P. GL	 TE Part #1217095-1 RCPT 250 POS-LOCK 16-12 0126BR	 TE Part #1217094-1 RCPT 250 POS-LOCK 18-14 0126BR	 TE Part #1-480701-1 03P UMNL CAP HSG BRN
 TE Part #1-521253-3 PL MKIII & FASTON 250 HSG 2P NYLON GREEN	 TE Part #1385724-3 ULTRA POD FLAG .187		

Documents

Product Drawings

POSI-LOK HSG.250-3 POS RAST5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_521205-1_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_521205-1_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_521205-1_R.3d_stp.zip

English

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

Datasheets & Catalog Pages



1654742_HOUSEHOLD_APPLIANCES_RAST5

English

Product Environmental Compliance

MD_521205-1_06072018124_dmtec

English

MD_521205-1_06072018124_dmtec

English

Agency Approvals

UL Report

English