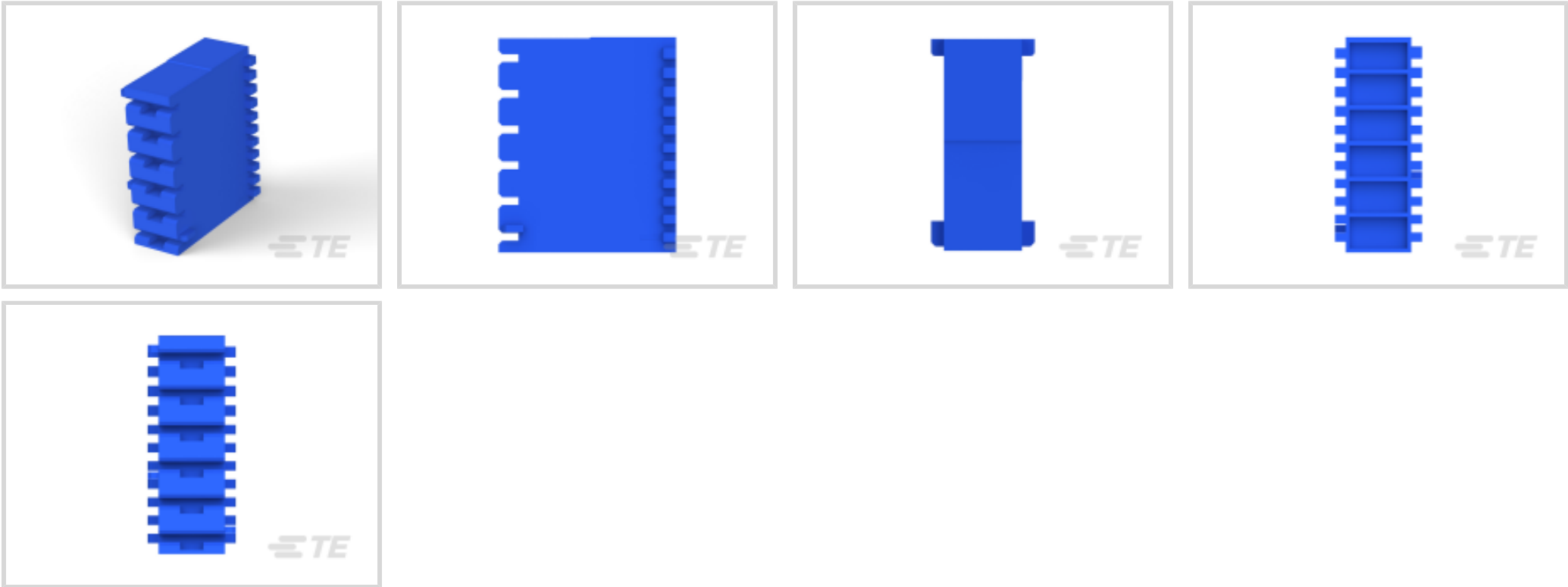




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Wire**

Number of Positions: **6**

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

Features

Product Type Features

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

Configuration Features

Keying & Polarized Position Locations	3C, 6D
Number of Positions	6
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	Nylon 66/6
Centerline (Pitch)	5 mm[.197 in]
Housing Color	Blue

Dimensions

Connector Length	9.2 mm[.362 in]
Connector Height	30.12 mm[1.186 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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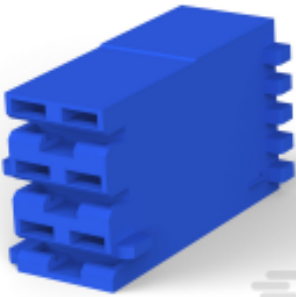
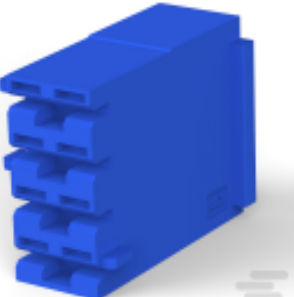
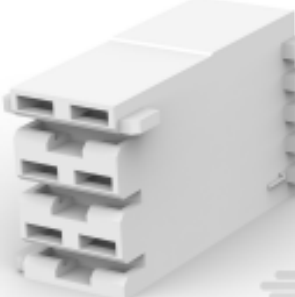
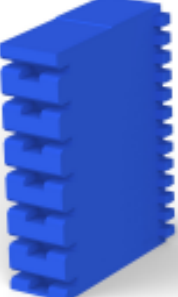
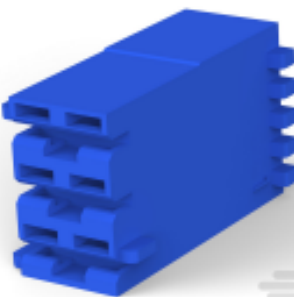


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low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

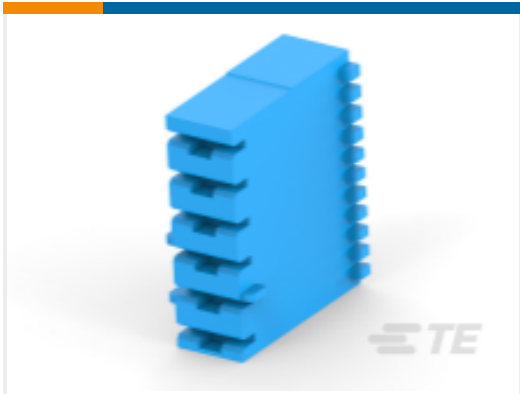
 TE Part # 521205-1 POSI-LOK HSG.250-3 POS RAST5	 TE Part # 521206-1 POSI-LOK HSG.250-4 POS RAST5	 TE Part # 521205-6 RAST 5, P-L HSG.-3 POS (03-K)	 TE Part # 521205-7 RAST 5, P-L mk3 HSG.-3 POS (sp)
 TE Part # 521209-1 POSI-LOK HSG.250-7 POS RAST5	 TE Part # 521210-5 HSG,RAST 5,POSI LOCK MKIII,8P	 TE Part # 521210-1 POSI-LOK HSG.250-8 POS RAST5	 TE Part # 521205-9 RAST 5 HSG,3P



TE Part # 521206-3
HSG,4P,POS LOCK,MKIII,250 SERI



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



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



TE Part # 521208-5
HSG,250 POSI-LOC,MKII,6P,NAT



TE Part # 521209-2
HSG POSI-LOCK MARK III



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



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



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



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



TE Part # 521208-3
HSG,6P,POS LOCK,MKIII,250 SERI



TE Part # 521208-6
HSG,POSI-LOCK MKIII RAST,6P



TE Part # 521210-4
HSG,POSIOLOCK, MKIII, 8 POS,250

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)



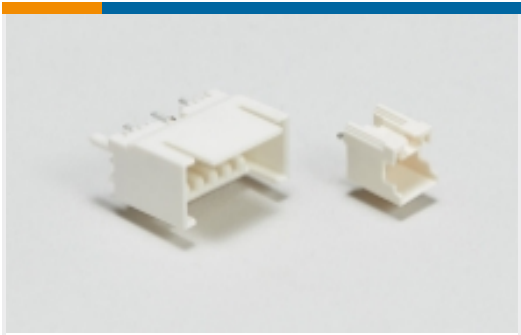
Standard Rectangular Connectors(138)



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



Wire-to-Board Connector Contacts(2)



Wire-to-Board Headers & Receptacles (424)

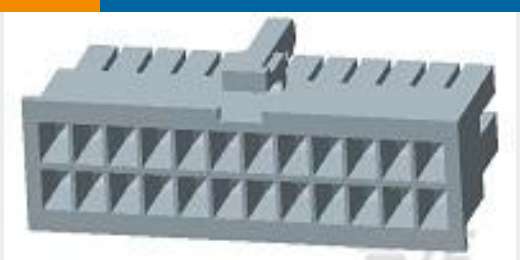
Customers Also Bought



TE Part #1-1971876-4
POWER TRIPLE LOCK STD TEMP
PLUG



TE Part #1-1969442-4
EP 2.5 TPA Housing, 14 Pos



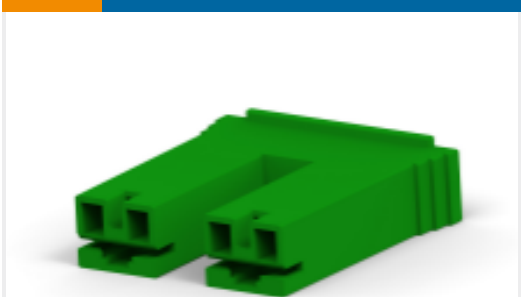
TE Part #1-1969614-2
12P RCPT VAL-U-LOK V0



TE Part #1-1969612-2
12P FH PLUG VAL-U-LOK V0



TE Part #1-1969443-2
EP 2.5 TPA Retainer, 12 Pos



TE Part #1-520935-4
PL 250 HOUSING REC GREEN



TE Part #1-520935-6
HSG,RECP,POSI-LOCK&STD FAST250



TE Part #1-520935-7
PL 250 HOUSING REC 6/6 NYLON V0



TE Part #794816-1
06P UMNL PLUG,VO

Documents

Product Drawings

POSI-LOK HSG.250-6 POS RAST5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_521208-1_S.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_521208-1_S.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521208-1_S.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[UL Report](#)

English