



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	3B
Number of Positions	3
Number of Rows	1

Body Features

Primary Product Color	Natural
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Contact Features

Contact Base Material	Brass
Contact Type	Socket



Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	15.12 mm[.595 in]
Wire Size	22 – 14 AWG
Connector Length	9.2 mm[.362 in]
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

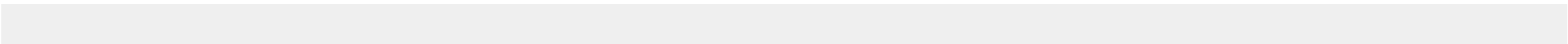
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

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: 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>

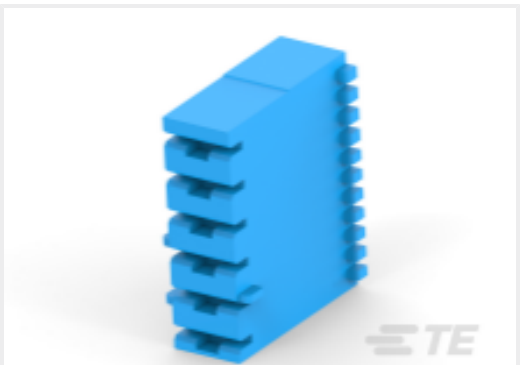
Compatible Parts



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



TE Part # 521210-2
HSG,8P,POS LOCK,MKIII,250 SERI



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



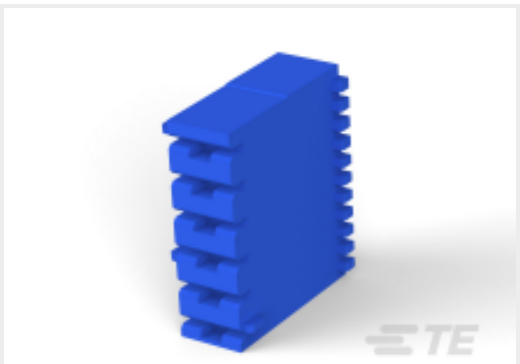
TE Part # 521205-2
HSG,3P,POS LOCK,MKIII,250 SERI



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



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



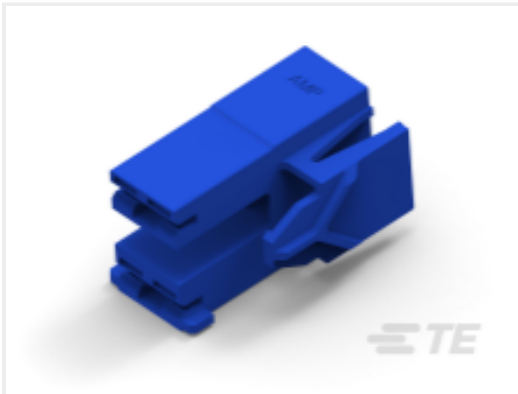
TE Part # 521208-1
POSI-LOK HSG.250-6 POS RAST5



TE Part # 521207-4
HSG,RAST 5,POSI LOCK MKIII,5P



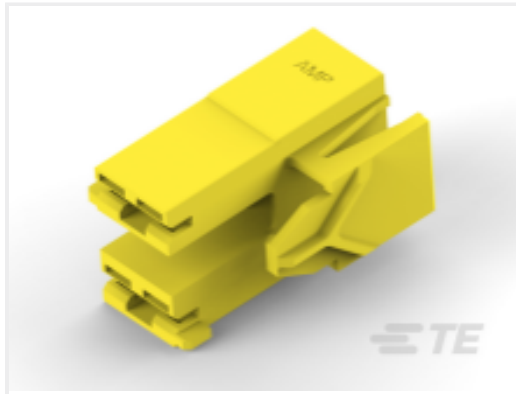
TE Part # 521206-6
POSI-LOK HSG.250-4 POS RAST5



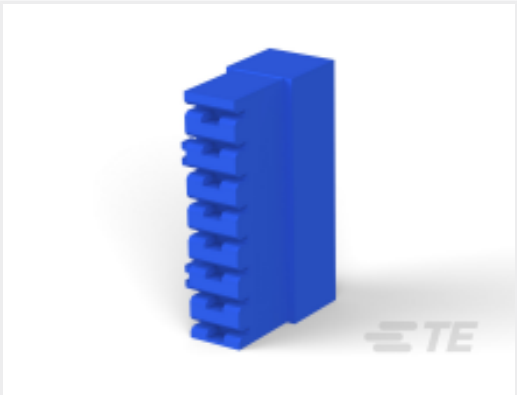
TE Part # 5-1969536-5
GWHSG,RECP,POSILOK MKIII ,
250SER,3P 2CIR



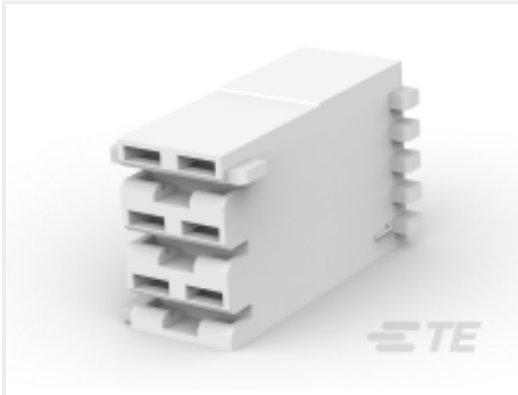
TE Part # 521836-3
HSG,RAST 5 PL,10P,BLOCK 2,4,6,



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



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



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



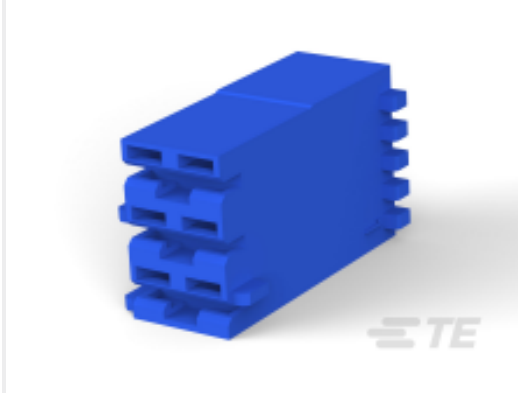
TE Part # 521208-5
HSG,250 POSI-LOC,MKII,6P,NAT



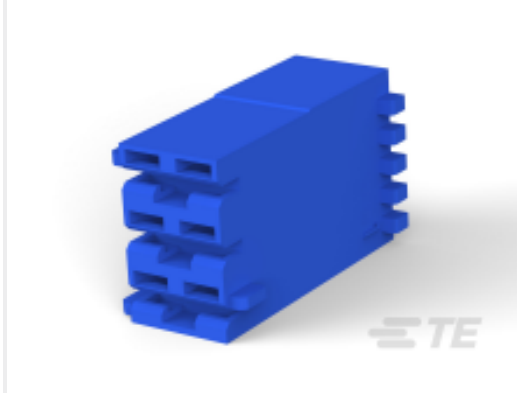
TE Part # 521205-3
HSG,POSI-LOCK MKIII RAST,3P



TE Part # 1969117-1
HSG,3P,RAST 5 CRIMP R/A,SPECIAL



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

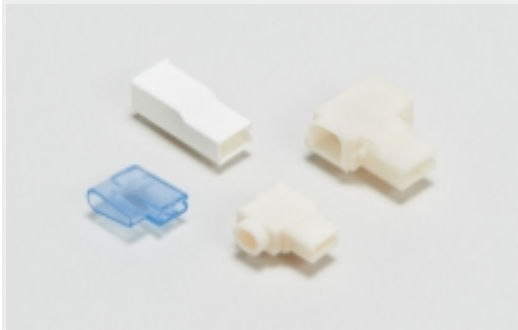


TE Part # 521205-9
RAST 5 HSG,3P

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



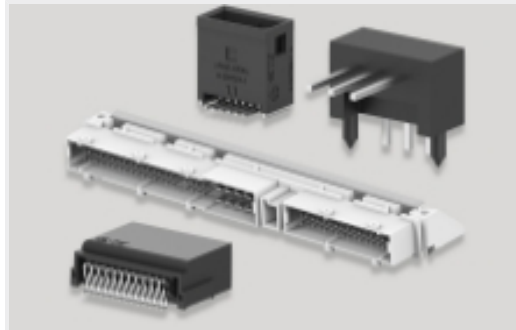
Connector Contacts(12)



Crimp Terminal Housings(39)



Insertion & Extraction Tools(1)



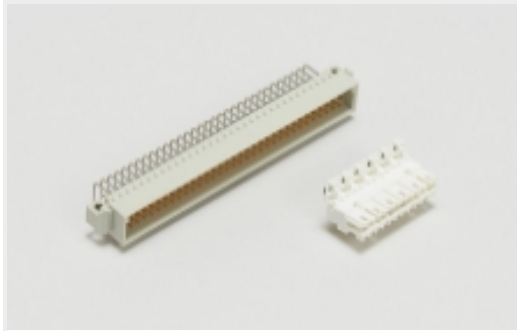
PCB Headers & Receptacles(417)



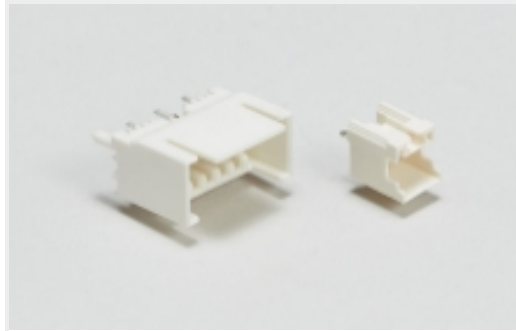
Power Contacts(3)



Rectangular Power Connectors(481)

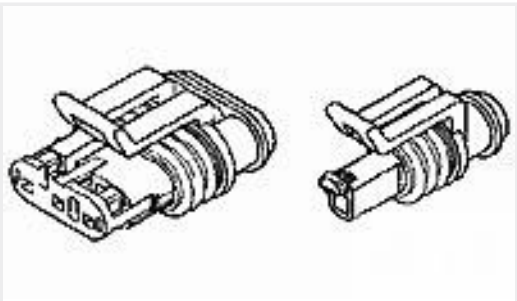


Standard Edge Connectors(31)

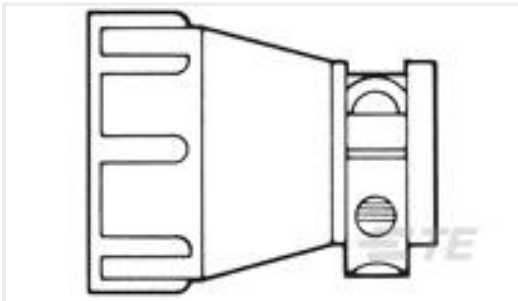


Wire-to-Board Headers & Receptacles
(417)

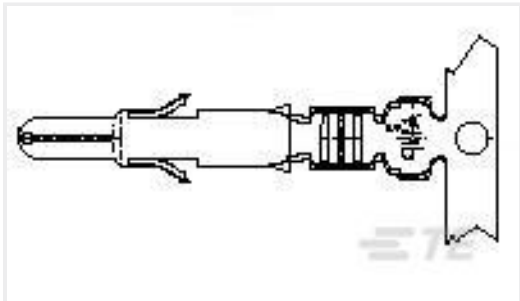
Customers Also Bought



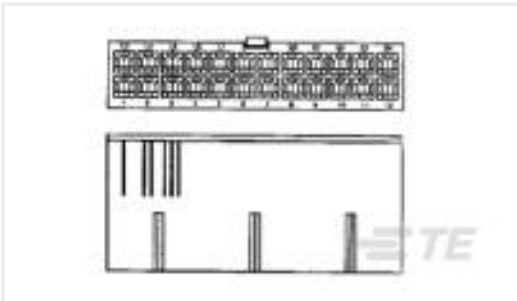
TE Part #282080-1
AMP SUPERSEAL 1.5 SERIES 2P PL



TE Part #1-206138-0
CABLE CLAMP ASSY,BULK PACKED



TE Part #881109-1
U-M-N-L SPLIT PIN



TE Part #1586000-2
2P FH PLUG VAL-U-LOK V2



TE Part #1217378-2
RCPT 250POS-LOC 22-18 0126TPBR



TE Part #880310-1
2 WAY FF 250 HOUSING TAB NYLON 6.6 NAT



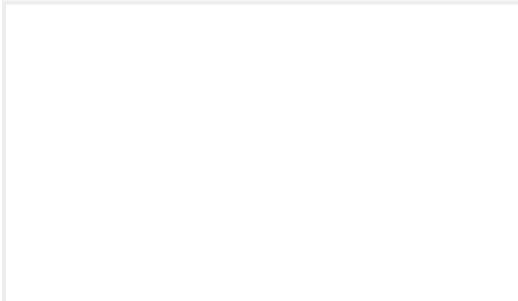
TE Part #182926-1
CPC PLUG ASSY SIZE 23-37



TE Part #880192-2
5 WAY FF 110 HSG REC NYLON 66 NATURAL



TE Part #626437-4
ELCETRO TAP ASSY



TE Part #1-163081-2
.062 PIN ASSY 3+

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_521205-7_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_521205-7_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_521205-7_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