# 521204-1 ✔ ACTIVE

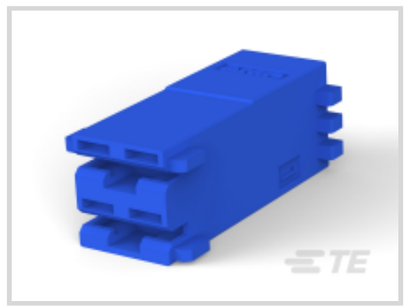
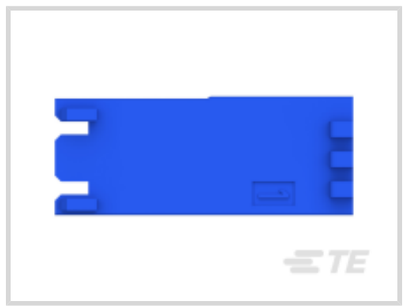
RAST | RAST 5 IDC Connectors

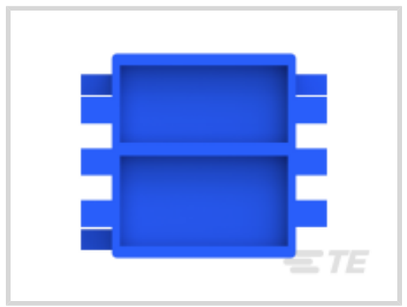
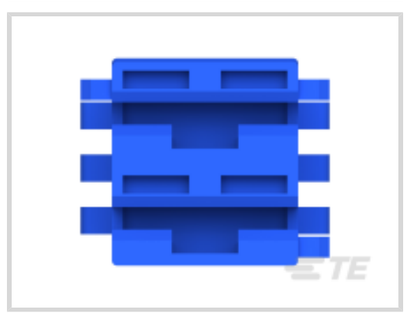
TE Internal #: 521204-1

Housing, Receptacle, Cable-to-Board, 2 Position, .197 in [5 mm] Centerline, Crimp, 1 Row, Blue, Mating Retention, Wire & Cable, RAST 5 IDC Connectors

View on TE.com >

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 | 2D |
| Number of Positions | 2 |
| Number of Rows | 1 |

### Body Features

| | |
|---|---|
| Primary Product Color | Blue |

### Contact Features

| | |
|---|---|
| Contact Type | Socket |

## Termination Features

| | |
|---|---|
| Termination Method to Wire & Cable | Crimp |

## 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] |

## 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] |

## Operation/Application

| | |
|---|---|
| Circuit Application | Power |

## 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>

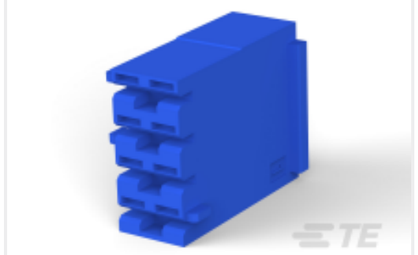
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |

| | |
|---|---|
| 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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>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 |

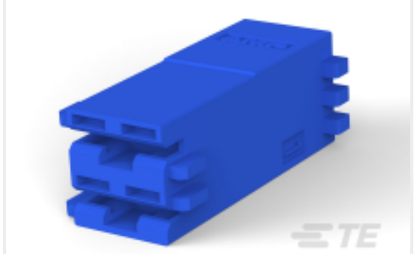
Product Compliance Disclaimer

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



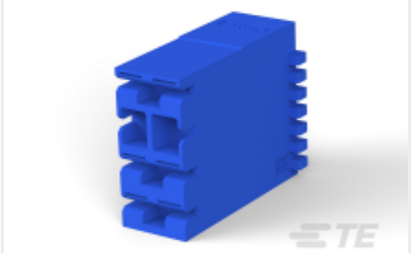
TE Part # 521206-1
POSI-LOK HSG.250-4 POS RAST5



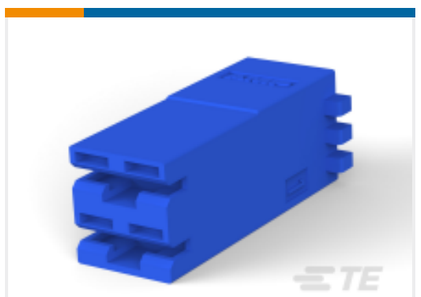
TE Part # 521204-6
RAST 5,HSG,2P,POSILOCK MKIII



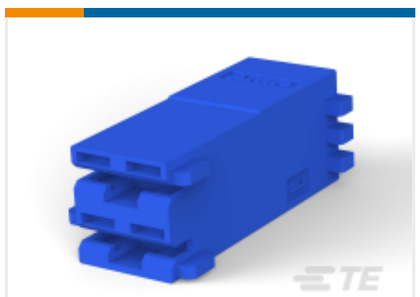
TE Part # 1-521204-1
RAST 5,HSG,2P,GWT POSILOCK MKI



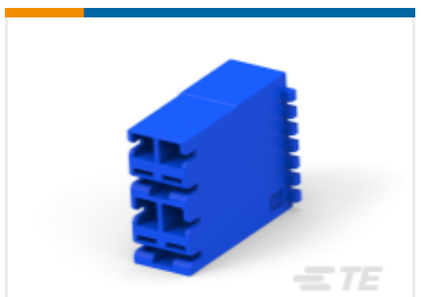
TE Part # 521295-1
HOUSING, POSITIVE LOCK, RAST



TE Part # 521204-5
HSG,POS LOC,MARKIII,250 SRS,2P



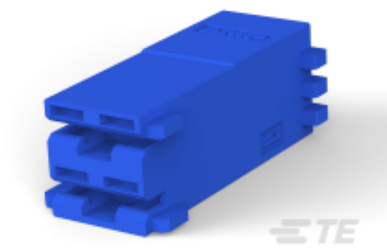
TE Part # 521204-2
HSG RCPT POSI MK 111 250 2POS



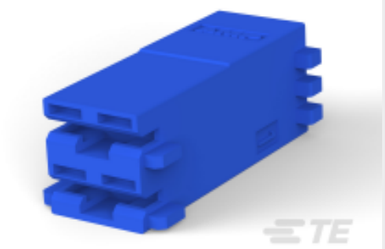
TE Part # 1969371-2
HSG, RAST 5 POSITIVE LOCK, 4P 2C



TE Part # 521204-3
HSG,2P,POS LOCK,MKIII,250 SERI



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



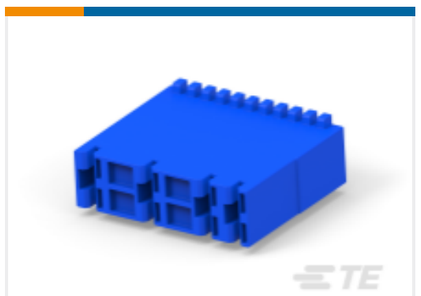
TE Part # 521204-8
RAST 5,HSG,2P,POSILOCK MKIII



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 # 1969404-2
HSG,RAST 5 PL,10P,B2,5,6,7,8 W



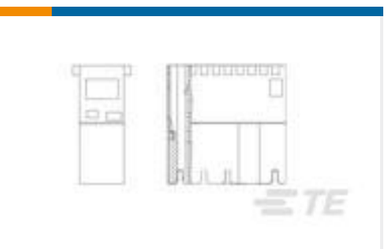
TE Part # 1969429-2
HOUSING, POSITIVE-LOCK MK III, RAST5, 2P



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



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



TE Part # 1969433-1
HSG,RAST 5 PL-MKIII,5POS,B2,3,



TE Part # 521204-4
HSG,2P,POS LOCK,MKIII,250 SERI

## Also in the Series | RAST 5 IDC Connectors



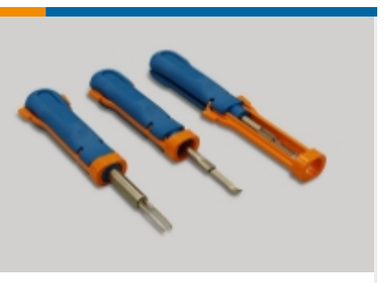
Automotive Terminals(8)



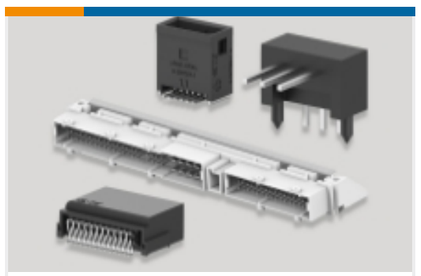
Connector Contacts(14)



Crimp Terminal Housings(39)



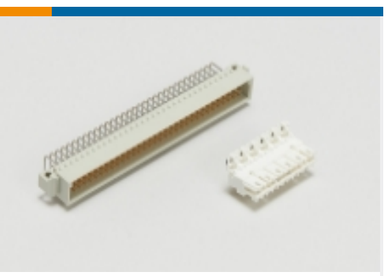
Insertion & Extraction Tools(1)



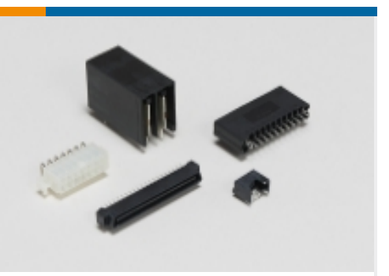
PCB Headers & Receptacles(417)



Rectangular Connector Housings(1)



Standard Edge Connectors(33)



Standard Rectangular Connectors(63)



Wire-to-Board Connector Assemblies & Housings(213)

## Customers Also Bought



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



TE Part # 42742-1
250 FASTON FLAG REC 18-12 AWG BR



TE Part # 1217095-1
RCPT 250 P0S-LOCK 16-12 0126BR



TE Part # 1217094-1
RCPT 250 POS-LOCK 18-14 0126BR



TE Part # 9-1418506-2
MCP6,3 RECEPTACLE HOUSING 2POS



TE Part # 1241404-3
AMP MCP 6.3/4.8K, CONTACT



TE Part # 968139-2
MPQ2,8 Sn tab LL EDS >1,0-2,5

## Documents

### Product Drawings

POSI-LOK HSG.250-2 POS RAST5

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_521204-1_AB.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_521204-1_AB.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_521204-1_AB.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

## Datasheets & Catalog Pages

### RAST Connector System Catalog

English

## Product Specifications

### Application Specification

English

## Agency Approvals

### UL Report

English