

521205-1 ✓ ACTIVE

RAST | RAST 5 IDC Connectors

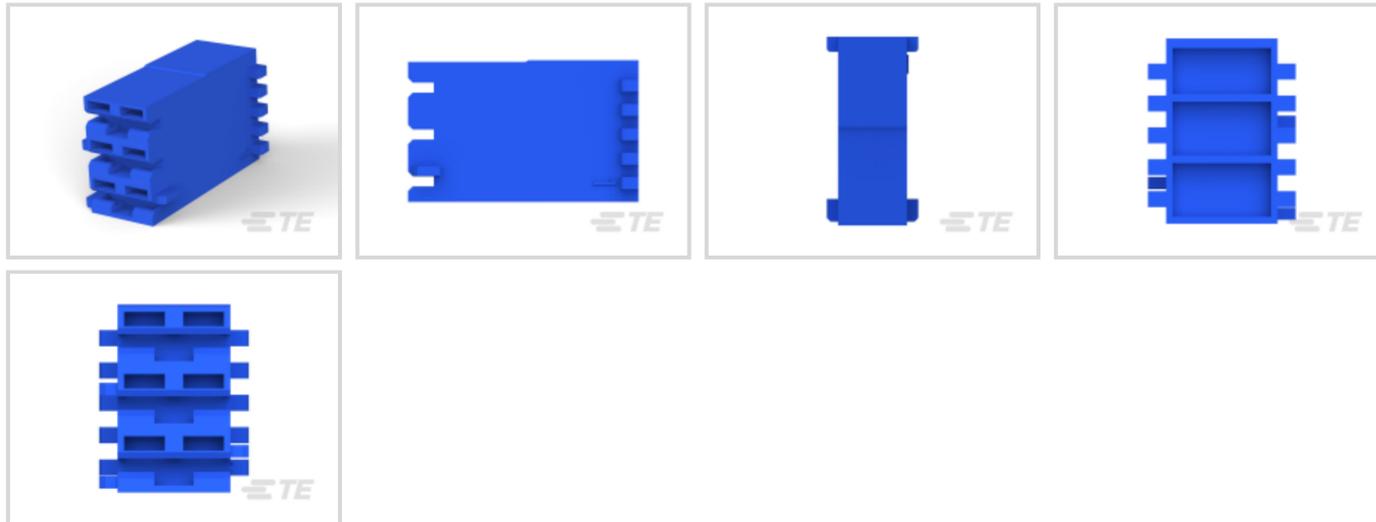
TE Internal #: 521205-1

3 Position, Receptacle, Housing, Crimp, Wire-to-Board, UL 94V-0, 5 mm [.197 in] Centerline, 1 Row, Wire & Cable, Power & Signal, RAST 5 IDC Connectors

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Latch**

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

UL Flammability Rating: **UL 94V-0**

## 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

### Body Features

Primary Product Color	Blue
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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
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

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

### Dimensions

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

### 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 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

有害物质含量符合标准要求 No Restricted  
Substance(s) Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2025  
(250)  
Candidate List Declared Against: JUNE  
2025 (250)  
Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F < 900 ppm per  
homogenous material. Also BFR/CFR/PVC  
Free

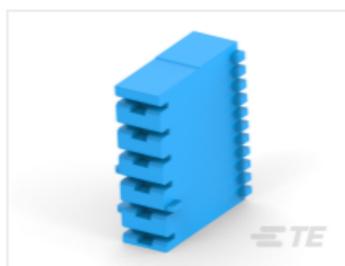
Solder Process Capability

Not applicable for solder process capability

## Product Compliance Disclaimer

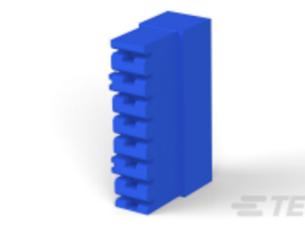
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

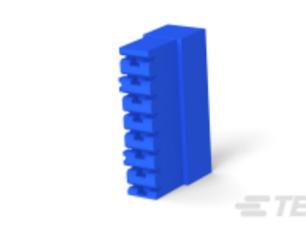
TE Part # 521208-4  
HSG,250 POSI-LOCK,MKIII,6 POS,TE Part # 521210-3  
HSG,POS-LOC,MKIII,250SERIES,6PTE Part # 1-521205-1  
RAST 5, P-L MK3 HSG.-3 POSTE Part # 521267-1  
POSI-LOK HSG.250-5 POS RAST5TE Part # 521208-1  
POSI-LOK HSG.250-6 POS RAST5TE Part # 521205-2  
HSG,3P,POS LOCK,MKIII,250 SERITE Part # 521205-7  
RAST 5, P-L mk3 HSG.-3 POS (spTE Part # 521205-6  
RAST 5, P-L HSG.-3 POS (03-K)




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



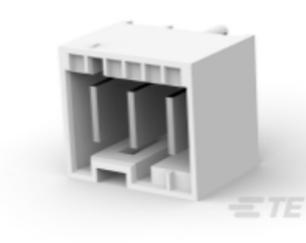
TE Part # 521210-1  
POSI-LOK HSG.250-8 POS RAST5



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



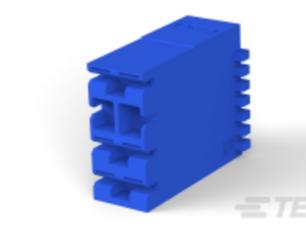
TE Part # 5-1969536-2  
GWHSG,RECP,POSILOK MKIII ,  
250SER,3P 2CIR



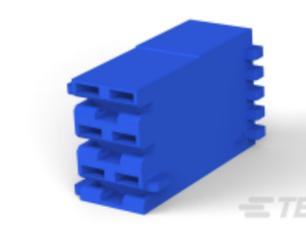
TE Part # 2232532-3  
3P, PL RAST 5 Tab Header, TH, Vertical



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



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

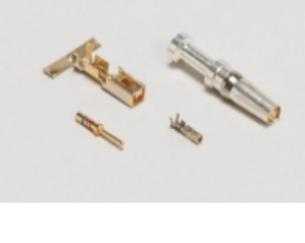


TE Part # 521205-9  
RAST 5 HSG,3P

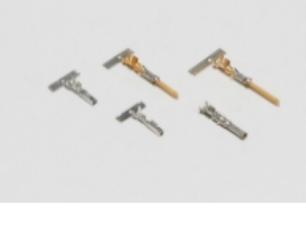
Also in the Series | **RAST 5 IDC Connectors**



Card Edge Connector Housings(19)



Connector Contacts(12)



Power Contacts(3)



Rectangular Power Connectors(658)



Standard Edge Connectors(31)

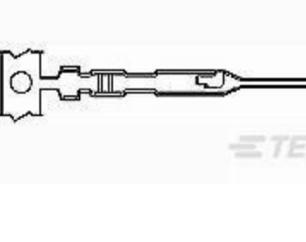
Customers Also Bought



TE Part #NB13504001  
RNF-100-3/8-BK-FSP



TE Part #60960-3  
250 FASTON FLAG REC 12-10 AWG  
TPBR



TE Part #1-104505-2  
MTE PIN 22-26 AWG PLTD



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



## Documents

### 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

#### RAST Connector System Catalog

English

### Agency Approvals

#### UL Report

English