

521204-6 ✓ ACTIVE

RAST | RAST 5 IDC Connectors

TE Internal #: 521204-6

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

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention: **With**

Mating Retention Type: **Latch**

Termination Method to Wire & Cable: **Crimp**

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	1C, 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
Mating Retention	With
Mating Retention Type	Latch
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Connector Height	12.2 mm [.48 in]
Connector Length	9.2 mm [.362 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

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
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

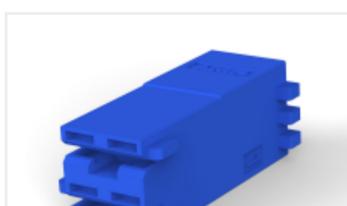
Product Compliance Disclaimer

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>

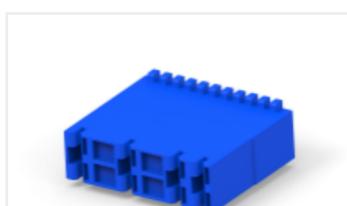
Compatible Parts



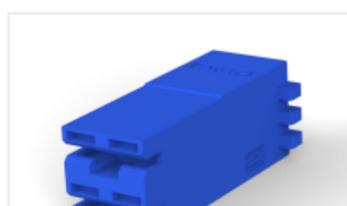
TE Part # 521835-4
HSG,RAST 5 PL,7P,BLOCK 3,5



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



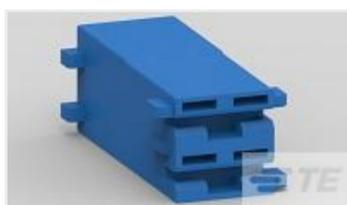
TE Part # 521435-1
HSG,POS-LOK,MARK3.250SRS,6P/4C



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



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



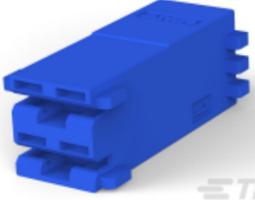
TE Part # 1969429-2
HOUSING, POSITIVE-LOCK MK III, RAST5, 2P



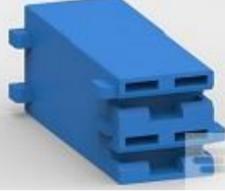
TE Part # 1-521204-0
POSI-LOK HSG 250 RAST5 spec



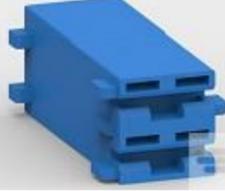
TE Part # 521295-2
HSG,P LOCK,MKIII,250 SER,4P/3C

TE Part # 521204-1
POSI-LOK HSG.250-2 POS RAST5



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



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



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



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



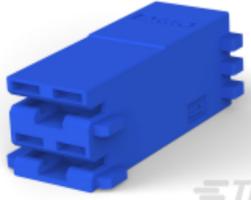
TE Part # 2390869-2
2P RAST 5 SHROUDED HEADER OPP PL



TE Part # 2390868-2
2P, RAST 5 HEADER, PL, SHROUDED



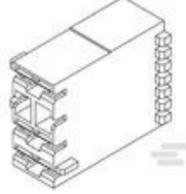
TE Part # 521204-4
HSG, 2P, POS LOCK, MKIII, 250 SERI



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



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

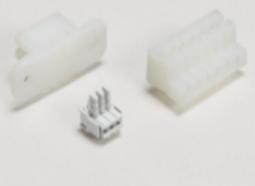


TE Part # 521295-3
HOUSING, POSI LOCK, RAST

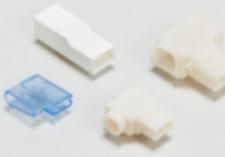


TE Part # 1969371-2
HSG, RAST 5 POSITIVE LOCK, 4P 2C

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



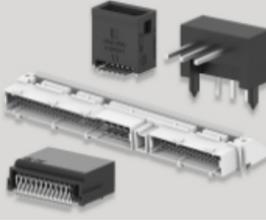
Card Edge Connector Housings(19)



Crimp Terminal Housings(39)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(418)



Rectangular Power Connectors(658)



Standard Edge Connectors(31)



Wire-to-Board Headers & Receptacles (418)

Customers Also Bought



Documents

Product Drawings

[RAST 5,HSG,2P,POSILOCK MKIII](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_521204-6_AB.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521204-6_AB.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521204-6_AB.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