

521205-6 ✓ ACTIVE

[RAST](#) | [RAST 5 IDC Connectors](#)

TE Internal #: 521205-6

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

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[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	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
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

RAST Version	03-K
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](#)>

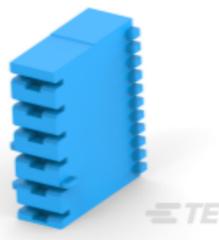


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 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 # 521208-4
HSG,250 POSI-LOCK,MKIII,6 POS,



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



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



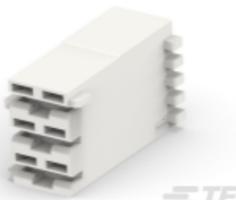
TE Part # 521208-3
HSG,6P,POS LOCK,MKIII,250 SERI



TE Part # 2324619-3
3P, RAST5 HEADER, PL, SHROUDED, OPPOSITE



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



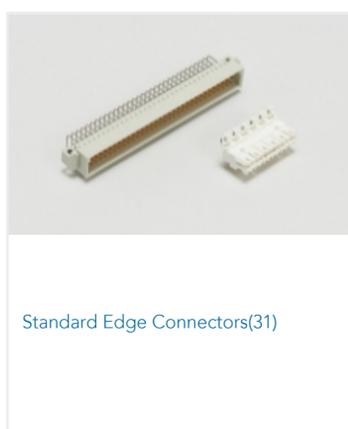
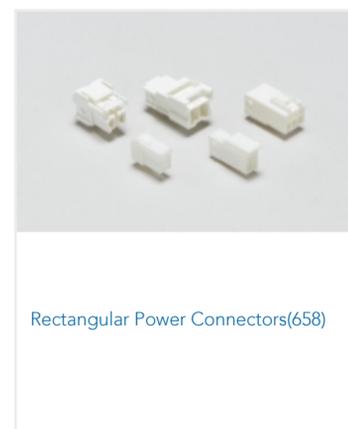
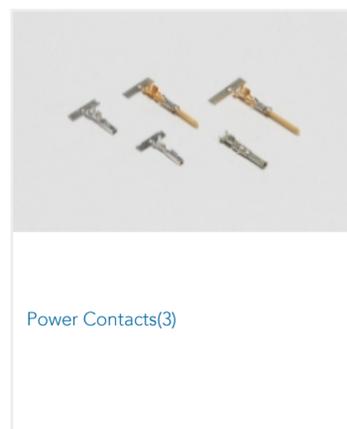
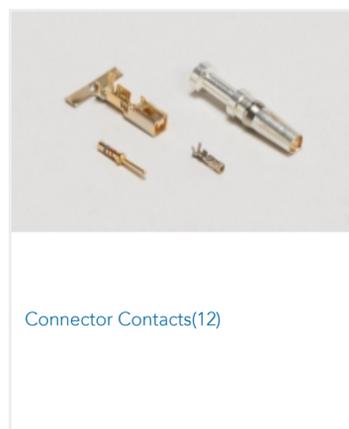
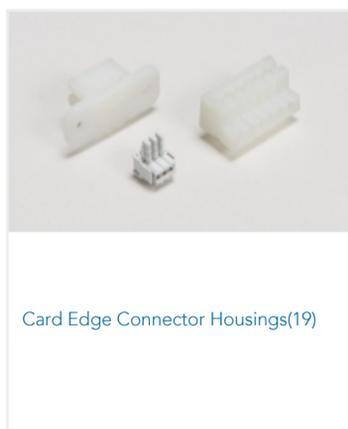
TE Part # 1-521205-1
RAST 5, P-L MK3 HSG.-3 POS



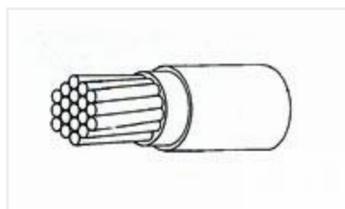
TE Part # 521207-4
HSG,RAST 5,POSI LOCK MKIII,5P



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



Customers Also Bought



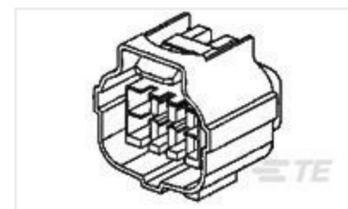
TE Part #267522-000
22759/34-14-0



TE Part #DT06-08SD-CE05
PLG, 8P, BRN, E, SEAL RET, CAP, D



TE Part #1-206934-7
CPC RECPT ASSEMBLY SIZE 23-37



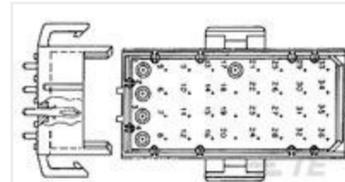
TE Part #368533-1
E-S MK-2(+) 8P PLUG ASS'Y



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



TE Part #521384-2
ASSY PL R/A RAST5 HEADER 02-A



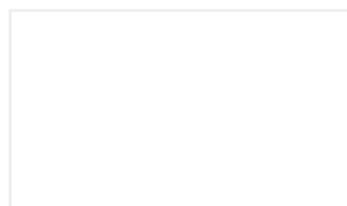
TE Part #640499-1
04P MR HDR ASSY V0



TE Part #1217095-2
RCPT 250 POS-LOCK 16-12 TPBR



TE Part #2-1734248-4
1.0 FPC, ZIF V/T, SMT, 24P



TE Part #AAA0299-00
100P1240-18-1-ZB-WR6-PCR8.1

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_521205-6_R.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521205-6_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521205-6_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

521205-6

3 Position, Receptacle, Housing, Crimp, Wire-to-Board, UL 94V-0, 5 mm [.197 in]
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UL Report

English