

521208-1 ✓ ACTIVE

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

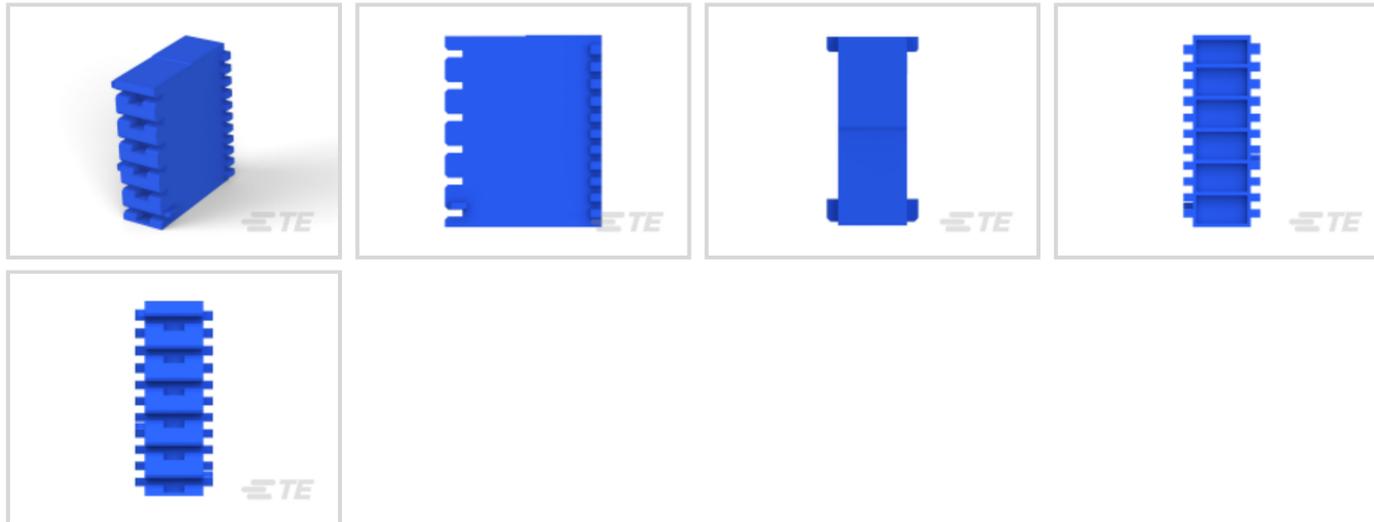
TE Internal #: 521208-1

6 Position, Receptacle, Housing, Crimp, Wire-to-Wire, 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: **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	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Keying & Polarized Position Locations	3C, 6D
Number of Positions	6
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	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	30.12 mm [1.186 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](https://www.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

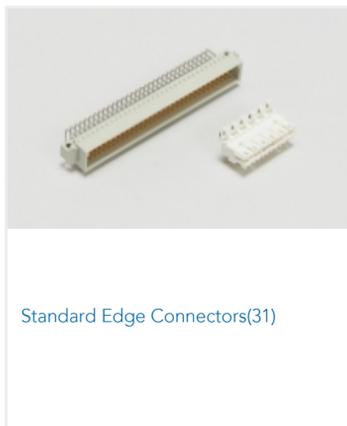
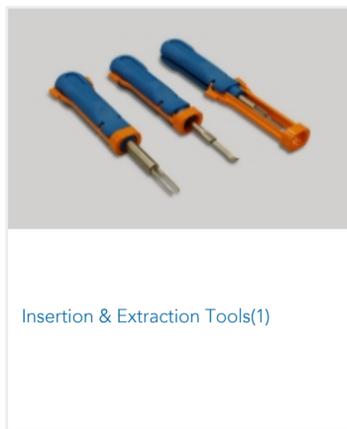
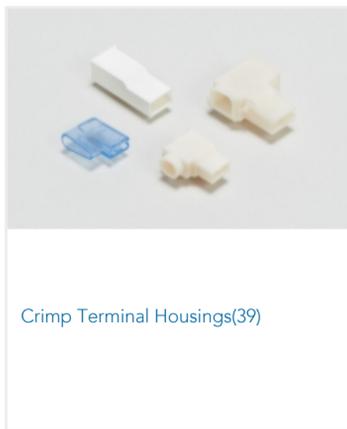
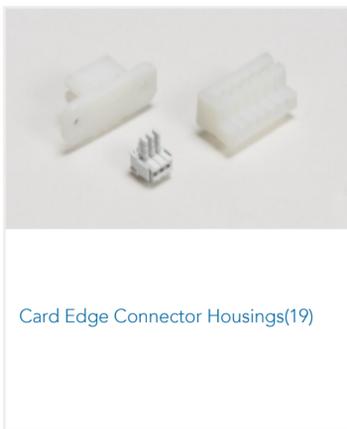
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 521208-3
HSG,6P,POS LOCK,MKIII,250 SERITE Part # 521267-1
POSI-LOK HSG.250-5 POS RAST5TE Part # 521205-7
RAST 5, P-L mk3 HSG.-3 POS (sp)TE Part # 521210-4
HSG,POSILOCK, MKIII, 8 POS,250TE Part # 521209-1
POSI-LOK HSG.250-7 POS RAST5TE Part # 521205-1
POSI-LOK HSG.250-3 POS RAST5



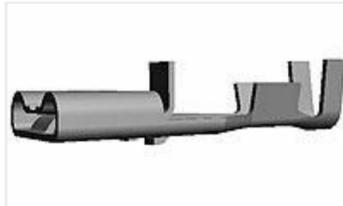
Also in the Series | **RAST 5 IDC Connectors**



Customers Also Bought



TE Part #7536494002
RT555-1/8-0-SP



TE Part #170327-1
250 PL MKII REC. 22-18AWG PTBR



TE Part #350570-1
UMNL SOK 24-18 PTPBR



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



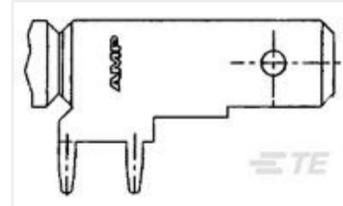
TE Part #521206-1
POSI-LOK HSG.250-4 POS RAST5



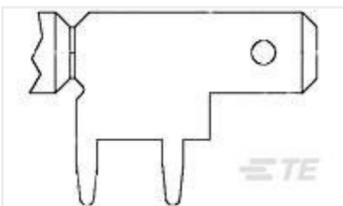
TE Part #1217094-1
RCPT 250 POS-LOCK 18-14 0126BR



TE Part #1217378-1
RCPT 250 POS-LOCK 22-18 0126BR



TE Part #1217754-1
250 FASTON,FLAG,PCB TAB,TNBR



TE Part #1217756-1
187 FASTON,TAB,TNBR



TE Part #2238095-1
110 FASTON,REC.,22-20 AWG,PTBR

Documents

Product Drawings

[POSI-LOK HSG.250-6 POS RAST5](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_521208-1_S.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521208-1_S.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521208-1_S.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