

521210-1 ✓ ACTIVE

[RAST | RAST 5 IDC Connectors](#)

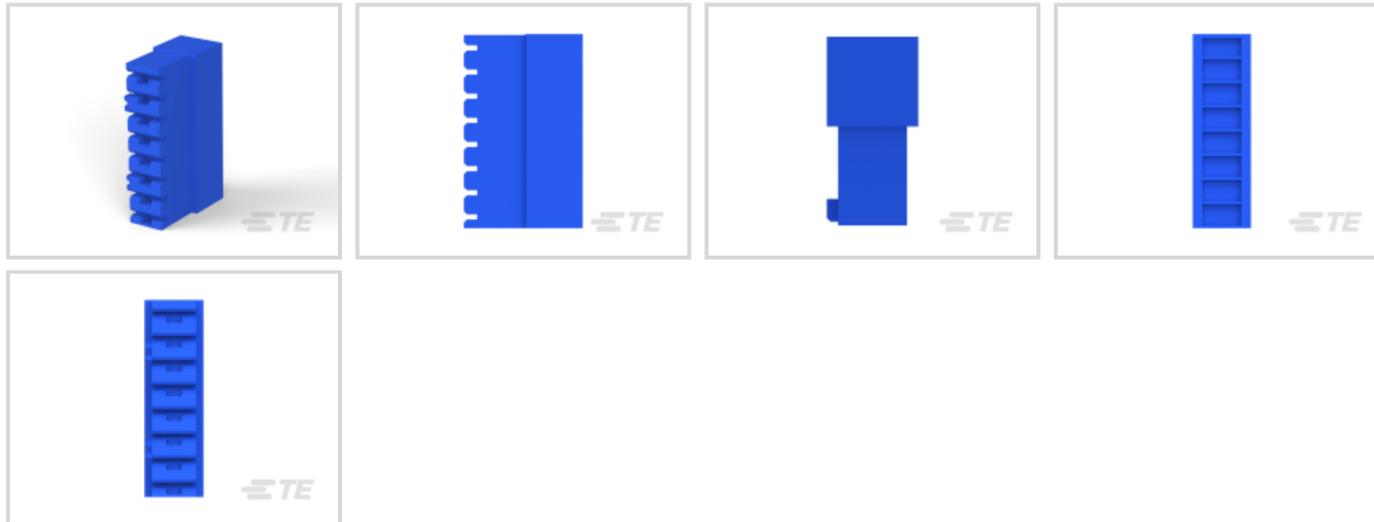
TE Internal #: 521210-1

8 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	2D, 3C, 6D, 7C
Number of Positions	8
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 6/66

Dimensions

Connector Height	40.2 mm [1.583 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

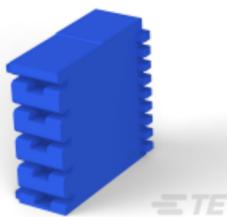
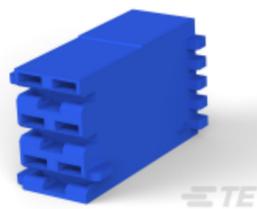
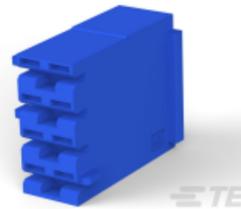
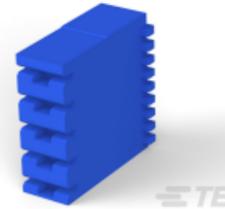
Solder Process Capability

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 # 521207-3
HSG POSI-LOCK MARK IIITE Part # 521205-9
RAST 5 HSG,3PTE Part # 521206-1
POSI-LOK HSG.250-4 POS RAST5TE Part # 521207-1
POSI-LOK HSG.250-5 POS RAST5TE Part # 521206-6
POSI-LOK HSG.250-4 POS RAST5TE Part # 521205-6
RAST 5, P-L HSG.-3 POS (03-K)TE Part # 521210-5
HSG,RAST 5,POSI LOCK MKIII,8PTE Part # 521208-5
HSG,250 POSI-LOC,MKII,6P,NAT



TE Part # 521210-4
HSG, POSILOCK, MKIII, 8 POS, 250



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



TE Part # 521796-5
HSG, POSILOCK, MKIII, 8 POS, 250



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



TE Part # 521208-4
HSG, 250 POSI-LOCK, MKIII, 6 POS, 250



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



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



TE Part # 521267-1
POSI-LOK HSG.250-5 POS RAST5



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



TE Part # 521208-1
POSI-LOK HSG.250-6 POS RAST5



TE Part # 521205-7
RAST 5, P-L mk3 HSG.-3 POS (sp)

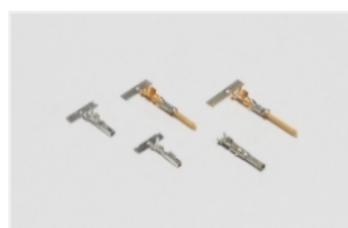
Also in the Series | **RAST 5 IDC Connectors**



Card Edge Connector Housings(19)



Connector Contacts(12)



Power Contacts(3)



Rectangular Power Connectors(658)



Standard Edge Connectors(31)

Customers Also Bought



TE Part #W3S-1939-P012
WEDGE LOCK, 3P, PLG, BLU,SL RET,
J1939,DT



TE Part #DT06-12SA-P012
PLG, 12P, GRY, N, SEAL RET, ENH
KEY, A



TE Part #34839
RING TERMINAL 18-14 AWG BR



TE Part #63674-1
250 FASTON REC 18-14 AWG NPST



TE Part #1-102536-5
34 AMPMODU MT COVER DR .100CL



TE Part #1-102681-2
34 AMPMODU MT COVER DR .100CL



TE Part #151321-4
250 FASTON,FLAG,REC.,18-14 AWG,
TPBR



TE Part #1-480764-0
05P UMNL CAP HSG NATL



TE Part #690541-1
FEED FINGER HOLDER-MACHINING



TE Part #690686-2
CRIMPER BOLT-SPECIAL

Documents

Product Drawings

[POSI-LOK HSG.250-8 POS RAST5](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_521210-1_S.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521210-1_S.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521210-1_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

[Product Specifications](#)

[Application Specification](#)

English

[Agency Approvals](#)

[UL Report](#)

English