521295-1 ✔ ACTIVE

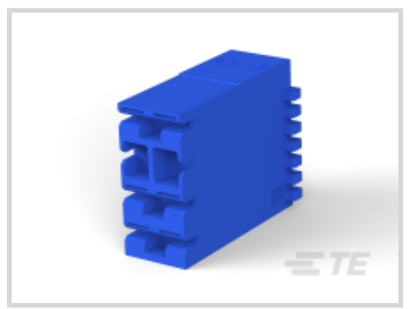
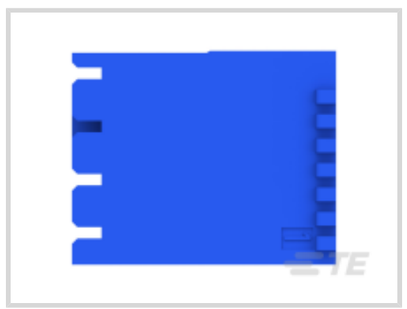
RAST | RAST 5 IDC Connectors

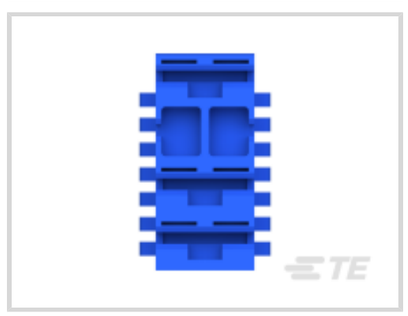
TE Internal #: 521295-1

4 Position, Receptacle, Housing, Crimp, Wire-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 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	1B
Number of Positions	4
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 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	Nylon 66/6

Dimensions

Connector Height	20.12 mm[.792 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	-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>

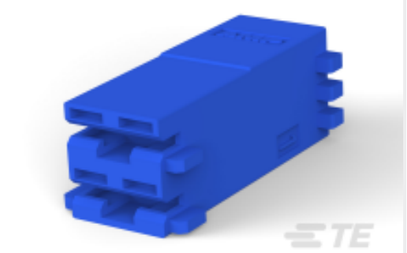
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant

China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials 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 # 521204-8
RAST 5,HSG,2P,POSILOCK MKIII



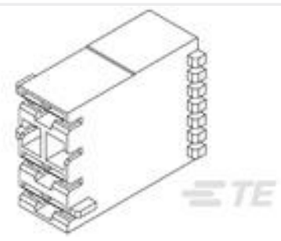
TE Part # 521204-3
HSG,2P,POS LOCK,MKIII,250 SERI



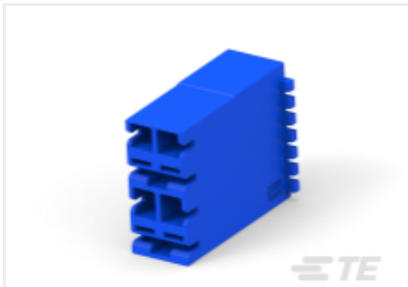
TE Part # 1969429-3
HOUSING, POSITIVE-LOCK MK III, RAST5, 2P



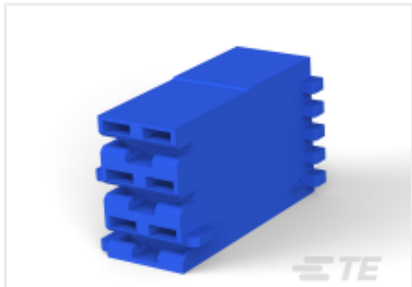
TE Part # 1969429-4
HOUSING, POSITIVE-LOCK MK III, RAST5, 2P



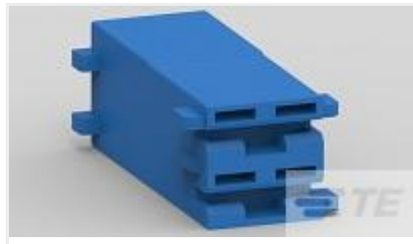
TE Part # 521295-3
HOUSING,POSI LOCK,RAST



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



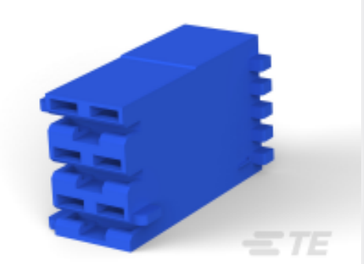
TE Part # 521205-1
POSI-LOK HSG.250-3 POS RAST5



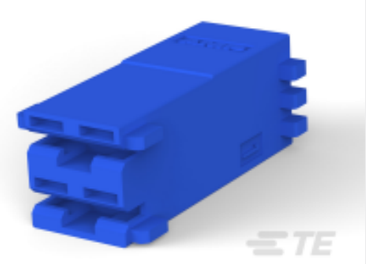
TE Part # 1969429-2
HOUSING, POSITIVE-LOCK MK III, RAST5, 2P



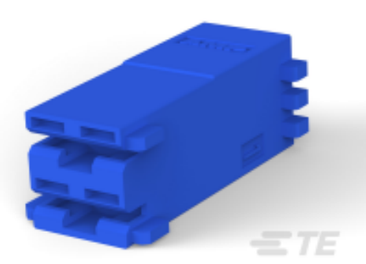
TE Part # 521295-2
HSG,P LOCK,MKIII,250 SER,4P/3C



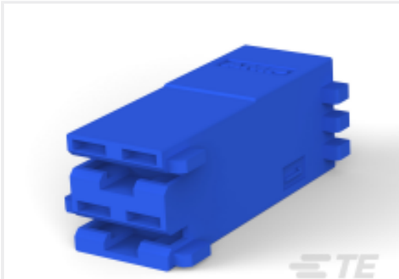
TE Part # 521205-9
RAST 5 HSG,3P



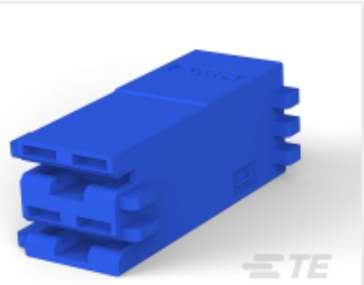
TE Part # 521204-1
POSI-LOK HSG.250-2 POS RAST5



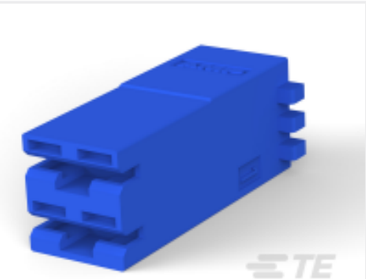
TE Part # 521204-7
RAST 5,HSG,2P,POSILOCK MKIII



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

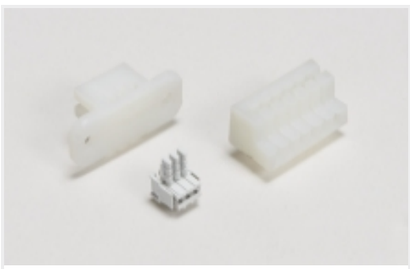


TE Part # 521204-6
RAST 5,HSG,2P,POSILOCK MKIII

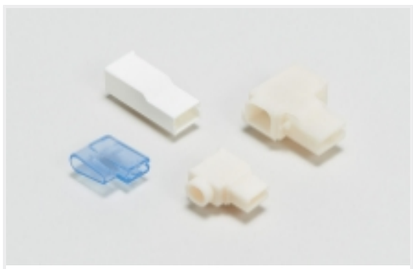


TE Part # 521204-5
HSG,POS LOC,MARKIII,250 SRS,2P

Also in the Series | RAST 5 IDC Connectors



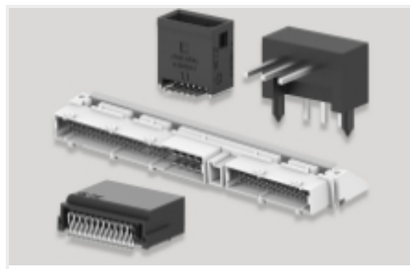
Card Edge Connector Housings(19)



Crimp Terminal Housings(39)



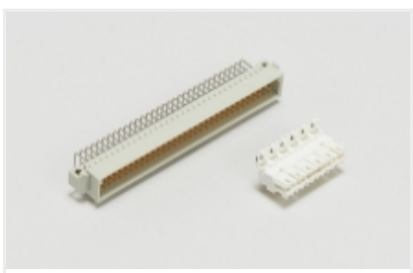
Insertion & Extraction Tools(1)



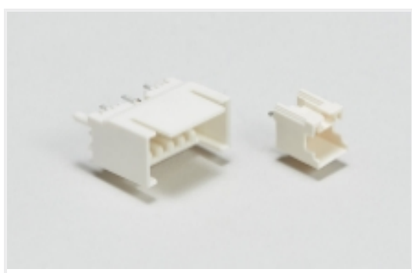
PCB Headers & Receptacles(418)



Rectangular Power Connectors(658)



Standard Edge Connectors(31)



Wire-to-Board Headers & Receptacles (418)

Customers Also Bought



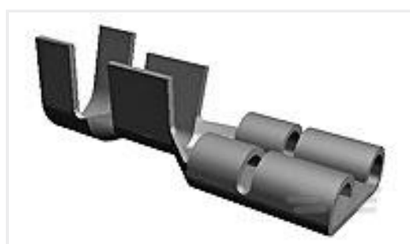
TE Part #2-34149-1
PG R 22-16 COMM 22-18 MIL 10



TE Part #40955
RING 20-16 AWG .0295 X .390 TPBR



TE Part #41202
250 FASTON,REC.,18-14 AWG,BR



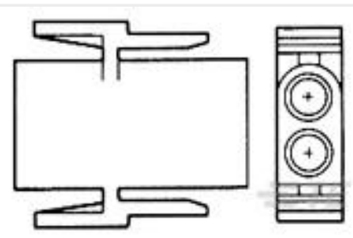
TE Part #63306-1
250 FASTON REC 18-14 AWG BR



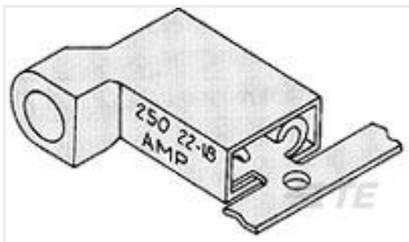
TE Part #2-324015-1
TERMINAL,PIDG SPD FLG 12-10 10



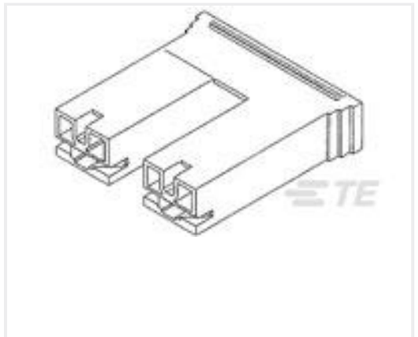
TE Part #350218-2
UMNL PIN 20-14 .0126AUBR



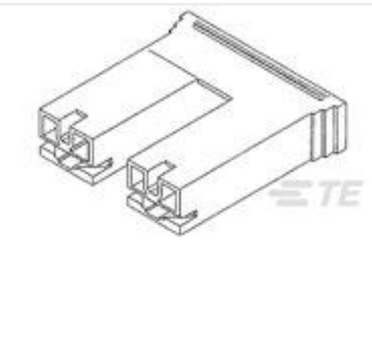
TE Part #1-350346-0
03P .140 MNL PLUG P/M NAT



TE Part #2-520334-2
ULTRAFAST 187 ASSY FLAG REC 22-18 TPBR



TE Part #520935-1
PLMKII&FASTON 250 REC HSG 2P NAT



TE Part #1-520935-1
250 HSG. PL MKII REC. 15.11mm 2P NAT

Documents

Product Drawings

HOUSING, POSITIVE LOCK, RAST

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_521295-1_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_521295-1_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_521295-1_P.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