

1-521204-1 ✓ ACTIVE

RAST | RAST 5 IDC Connectors

TE Internal #: 1-521204-1

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

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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 | 1B, 2A |
| Number of Positions | 2 |
| Number of Rows | 1 |

Body Features

| | |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

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 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

| | |
|------------------------|-------------------------------|
| RAST Version | 02-A |
| UL Flammability Rating | UL 94V-2 |
| 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 |

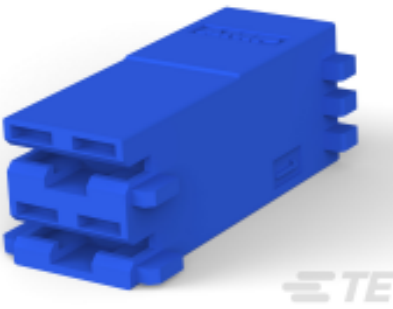


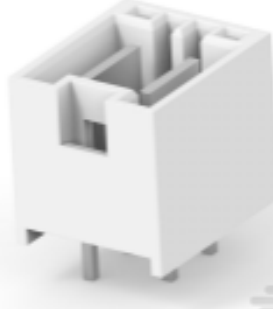

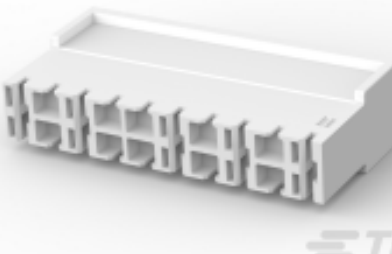
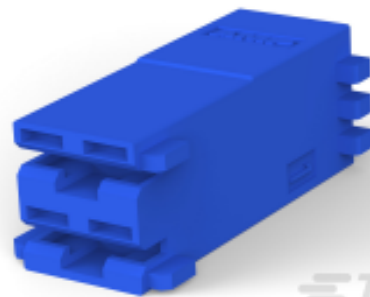


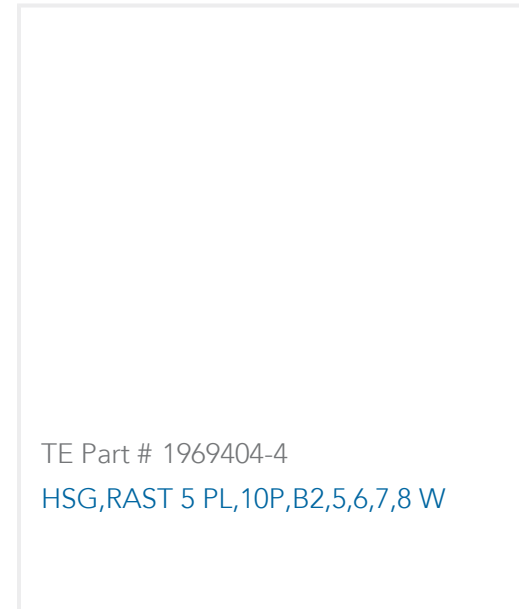
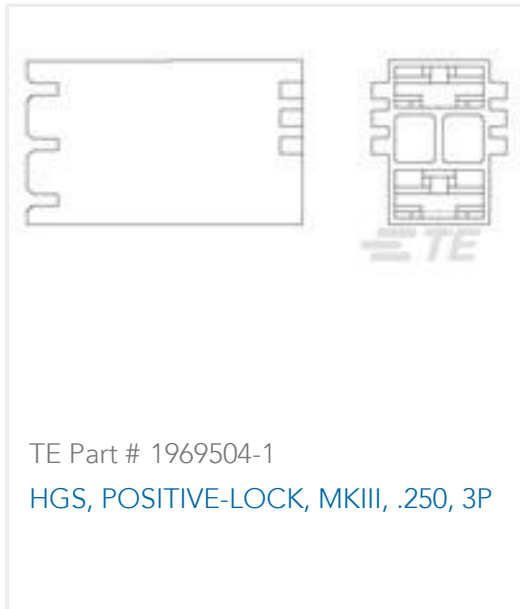
| | |
|---|---|
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not applicable for solder process capability |

Product Compliance Disclaimer

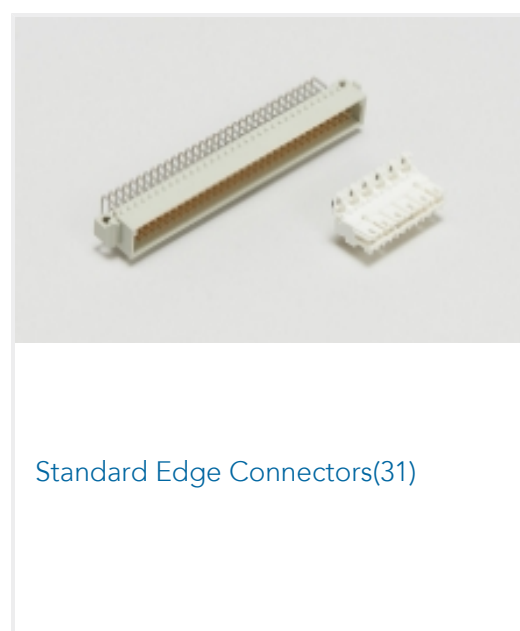
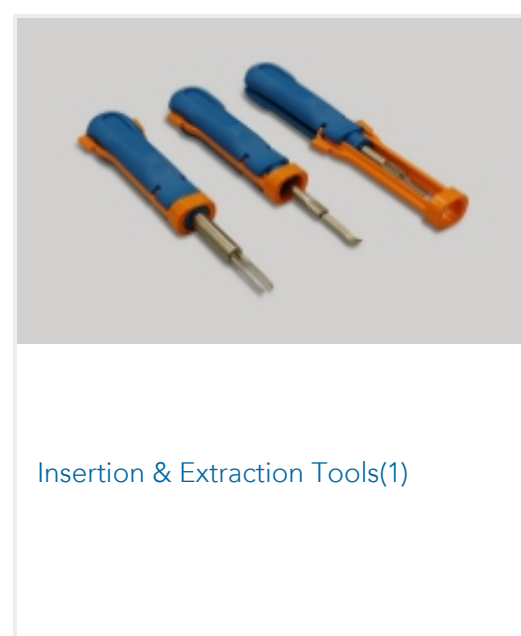
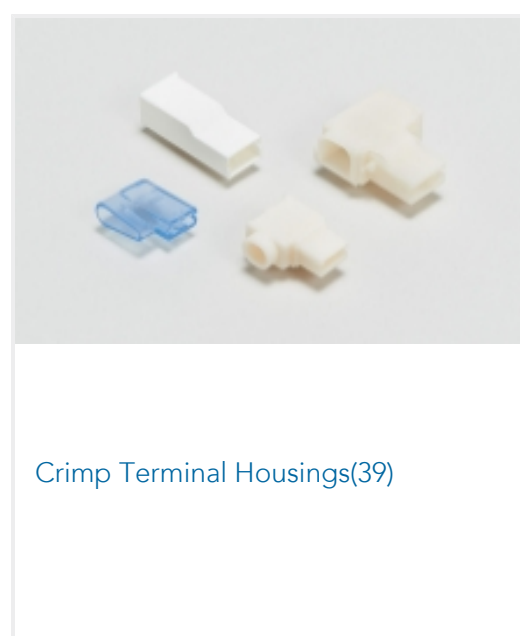
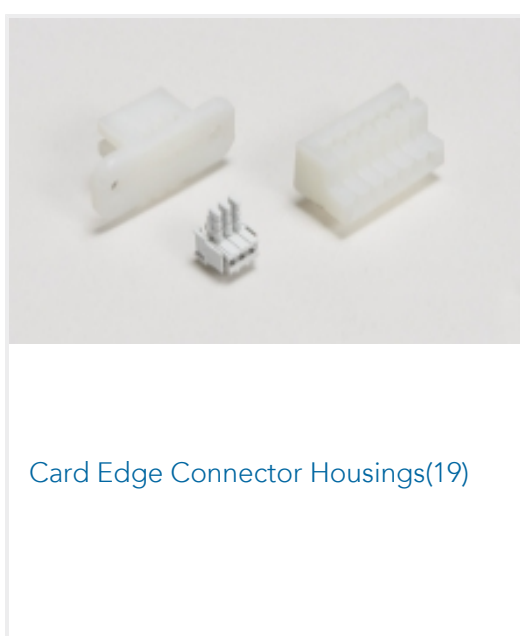
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

| | | | |
|---|--|--|--|
|  <p>TE Part # 521204-8 RAST 5, HSG, 2P, POSILOCK MKIII</p> |  <p>TE Part # 521204-4 HSG, 2P, POS LOCK, MKIII, 250 SERI</p> |  <p>TE Part # 521204-3 HSG, 2P, POS LOCK, MKIII, 250 SERI</p> |  <p>TE Part # 2390868-2 2P, RAST 5 HEADER, PL, SHROUDED</p> |
|  <p>TE Part # 2390869-2 2P RAST 5 SHROUDED HEADER OPP PL</p> |  <p>TE Part # 521206-6 POSI-LOK HSG.250-4 POS RAST5</p> |  <p>TE Part # 521836-3 HSG, RAST 5 PL, 10P, BLOCK 2,4,6,</p> |  <p>TE Part # 521204-7 RAST 5, HSG, 2P, POSILOCK MKIII</p> |



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



Customers Also Bought



Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-521204-1_AB.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-521204-1_AB.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-521204-1_AB.3d_stp.zip](#)

English

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Datasheets & Catalog Pages



RAST Connector System Catalog

English

Product Specifications

Engineering Report

English