



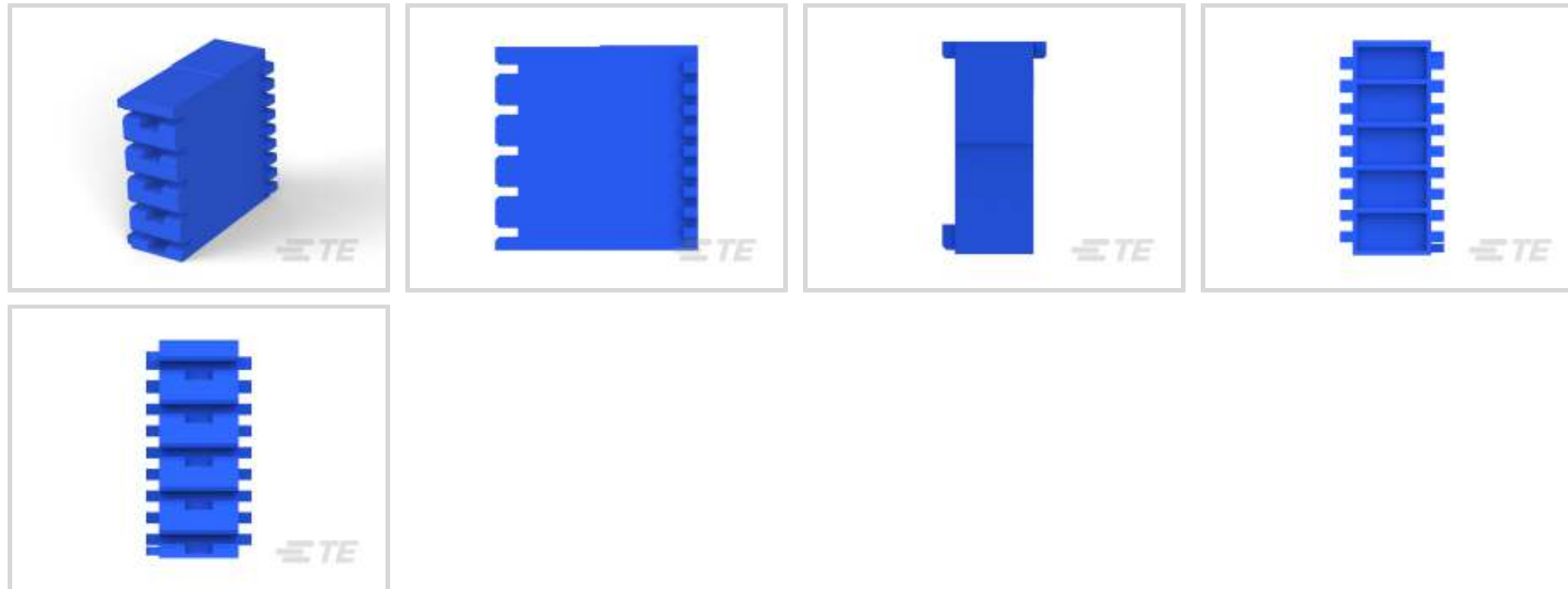
[RAST | RAST 5 IDC Connectors](#)

TE Internal #: 521207-3

Housing, Receptacle, Wire-to-Wire, 5 Position, .197 in [5 mm]
Centerline, Crimp, 1 Row, Blue, Mating Retention, Wire & Cable,
RAST 5 IDC Connectors

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Wire**

Number of Positions: **5**

Centerline (Pitch): **5 mm [.197 in]**

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 | 1C, 5D |
| Number of Positions | 5 |
| Number of Rows | 1 |

Body Features

| | |
|-----------------------|------|
| Primary Product Color | Blue |
|-----------------------|------|

Contact Features

| | |
|----------------|--------|
| Contact Layout | Inline |
| Contact Type | Socket |



| | |
|-----------------------|-------|
| Contact Base Material | Brass |
|-----------------------|-------|

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|---------------|---------|
| Strain Relief | Without |
|---------------|---------|

| | |
|---------------------|---------|
| Panel Mount Feature | Without |
|---------------------|---------|

| | |
|---------------------|---------|
| PCB Mount Retention | Without |
|---------------------|---------|

| | |
|-----------------------|-------|
| Mating Retention Type | Latch |
|-----------------------|-------|

| | |
|------------------|------|
| Mating Retention | With |
|------------------|------|

| | |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

| | |
|-----------------------------|------------------|
| Housing Entry Configuration | Both Ends Closed |
|-----------------------------|------------------|

| | |
|------------------|------------|
| Housing Material | Nylon 6/66 |
|------------------|------------|

| | |
|--------------------|----------------|
| Centerline (Pitch) | 5 mm [.197 in] |
|--------------------|----------------|

Dimensions

| | |
|------------------|------------------|
| Connector Length | 9.2 mm [.362 in] |
|------------------|------------------|

| | |
|------------------|------------------|
| Connector Height | 12.2 mm [.48 in] |
|------------------|------------------|

| | |
|--------------------|----------------|
| Row-to-Row Spacing | 5 mm [.197 in] |
|--------------------|----------------|

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -40 – 110 °C [-40 – 230 °F] |
|-----------------------------|-----------------------------|

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

| | |
|------------------|-------------------------------|
| Glow Wire Rating | Standard Part - Not Glow Wire |
|------------------|-------------------------------|

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

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 |
| 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 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

| | | | |
|---|--|--|--|
|  <p>TE Part # 521206-1 POSI-LOK HSG.250-4 POS RAST5</p> |  <p>TE Part # 521207-1 POSI-LOK HSG.250-5 POS RAST5</p> |  <p>TE Part # 521210-1 POSI-LOK HSG.250-8 POS RAST5</p> |  <p>TE Part # 521209-1 POSI-LOK HSG.250-7 POS RAST5</p> |
|  <p>TE Part # 521210-5 HSG,RAST 5,POSI LOCK MKIII,8P</p> |  <p>TE Part # 521207-4 HSG,RAST 5,POSI LOCK MKIII,5P</p> |  <p>TE Part # 521206-3 HSG,4P,POS LOCK,MKIII,250 SERI</p> |  <p>TE Part # 521206-6 POSI-LOK HSG.250-4 POS RAST5</p> |




TE Part # 521209-2
HSG POSI-LOCK MARK III



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



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



TE Part # 521206-2
250 SERIES 4 POS POSILOK HSG



TE Part # 521206-4
HSG, POSI-LOCK MKIII RAST, 4P



TE Part # 521206-5
HSG, RECP, POSI-LOCK MKIII, 4P



TE Part # 521207-2
POSI-LOK HSG 250 5P RAST5



TE Part # 521207-5
HSG POSI-LOK 250 (05-B) RAST




TE Part # 521208-2
HOUSING POSITIVE LOCK RAST




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


Also in the Series | RAST 5 IDC Connectors




Automotive Terminals(8)



Connector Contacts(12)




Crimp Terminal Housings(41)



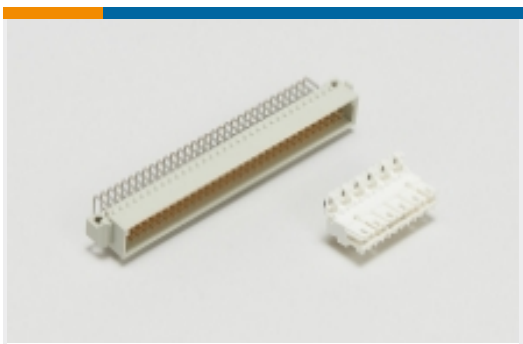
Insertion & Extraction Tools(1)




PCB Headers & Receptacles(417)



Rectangular Connector Housings(1)



Standard Edge Connectors(34)



Standard Rectangular Connectors(68)

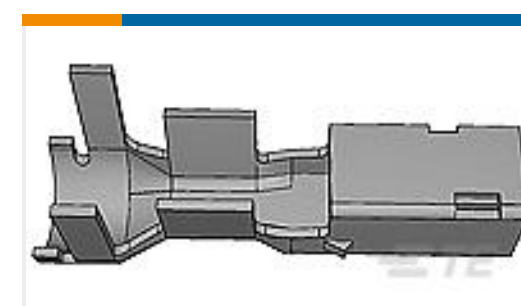


Wire-to-Board Connector Assemblies & Housings(214)



Wire-to-Board Connector Contacts(2)

Customers Also Bought

TE Part #1-1971773-3
PTL 1X3 PLUG HSG STD TEMP KEY A NATTE Part #1376389-1
5MM POWER KEY 3P PLUG HSG NUTTE Part #1376395-1
5MM POWER KEY D/L PLATE GREENTE Part #1971781-1
PTL RECEPTACLE CONTACT, 14 AWGTE Part #52957-1
TERMINAL,PG SPR SPD 16-14 10TE Part #61944-2
250 FASTON REC 18-14 AWG TPBRTE Part #1217378-2
RCPT 250POS-LOC 22-18 0126TPBRTE Part #1376347-1
5MM POWER KEY CONN REC CONT LTE Part #1971777-3
PTL TPA HIGH TEMP 1 x 3 BLACKTE Part #521205-9
RAST 5 HSG,3P

Documents

Product Drawings

[HSG POSI-LOCK MARK III](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_521207-3_P.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_521207-3_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521207-3_P.3d_stp.zip](#)

English

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English