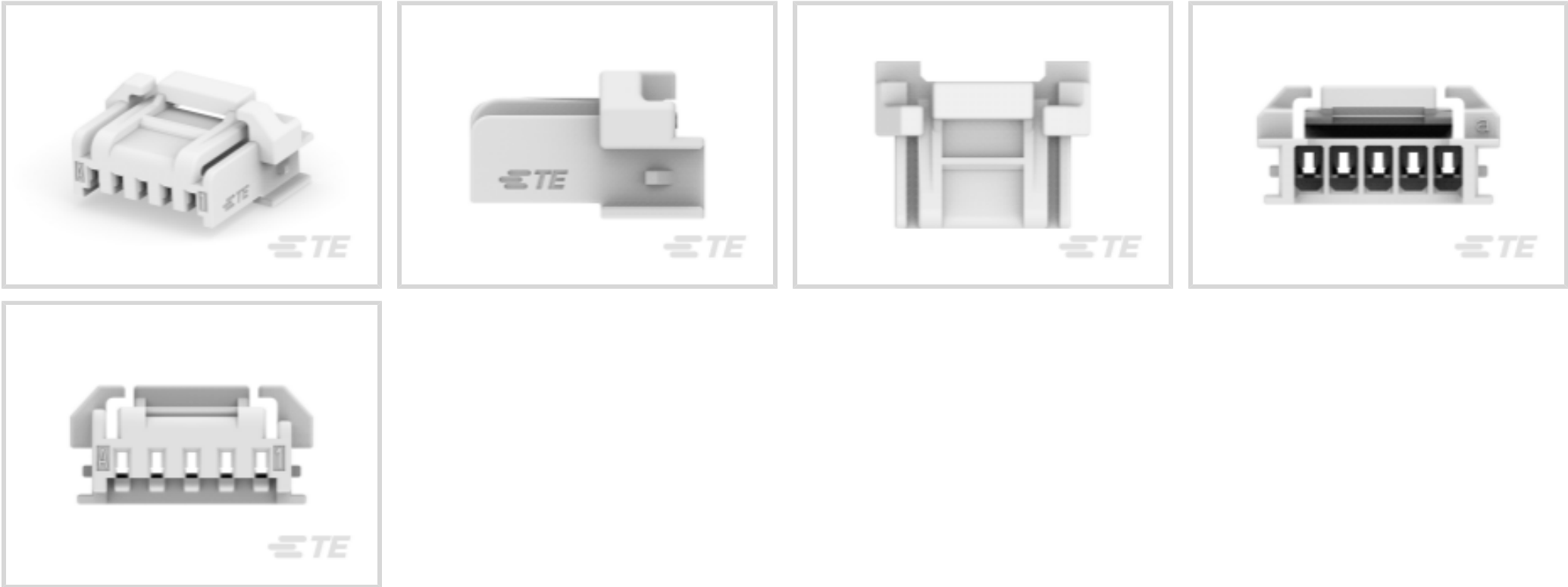




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**  
Connector & Housing Type: **Plug**  
Connector System: **Wire-to-Board**  
UL Flammability Rating: **UL 94V-0**  
Number of Positions: **5**

Features

Product Type Features

|                                   |               |
|-----------------------------------|---------------|
| Connector Product Type            | Housing       |
| Connector & Housing Type          | Plug          |
| Connector System                  | Wire-to-Board |
| Sealable                          | No            |
| Connector & Contact Terminates To | Wire & Cable  |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 5 |
| Number of Rows      | 1 |

Electrical Characteristics

|                                       |         |
|---------------------------------------|---------|
| Termination Resistance                | 20 mΩ   |
| Insulation Resistance                 | 500 MΩ  |
| Dielectric Withstanding Voltage (Max) | 500 VAC |
| Operating Voltage                     | 50 VAC  |

Body Features



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

Contact Features

|                              |     |
|------------------------------|-----|
| Contact Current Rating (Max) | 2 A |
|------------------------------|-----|

Termination Features

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

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Mating Retention        | With                       |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

|                    |                 |
|--------------------|-----------------|
| Centerline (Pitch) | 1.5 mm[.059 in] |
| Housing Material   | Nylon           |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

|                        |                             |
|------------------------|-----------------------------|
| Glow Wire Rating       | GWEPT 750°C (Without Flame) |
| UL Flammability Rating | UL 94V-0                    |

Packaging Features

|                  |             |
|------------------|-------------|
| Packaging Method | Loose Piece |
|------------------|-------------|

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)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                |



Solder Process Capability

Not reviewed 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>

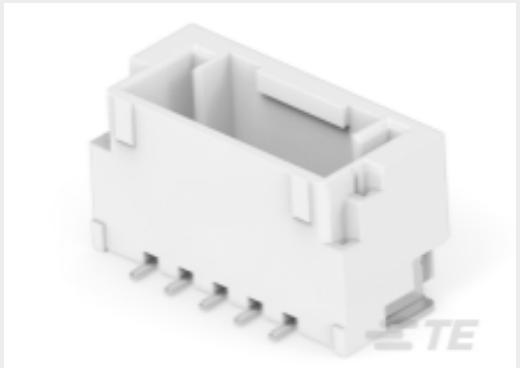
Compatible Parts



TE Part # 2-2383410-5  
SGI 1.5 TPA, 5P, Natural



TE Part # 2360545-5  
SGI 1.5 HDR, 5P, RA, Key A, Natural



TE Part # 2360547-5  
SGI 1.5 HDR, 5P, VT, Key A, Natural



TE Part # 2383410-5  
SGI 1.5 TPA, 5P, Black



TE Part # 2454997-4  
SGI 1.5 RCPT Contact, 24-28AWG

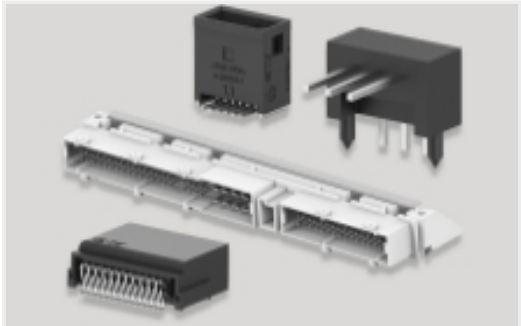


TE Part # 2371403-2  
SGI 1.5 RCPT Contact, 24-28AWG

Also in the Series | GRACE INERTIA 1.5



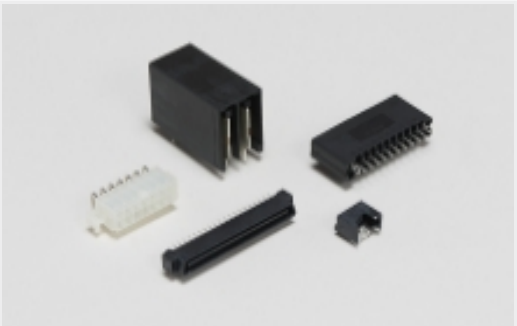
Connector Caps & Covers(21)



PCB Headers & Receptacles(44)



Rectangular Connector Housings(22)

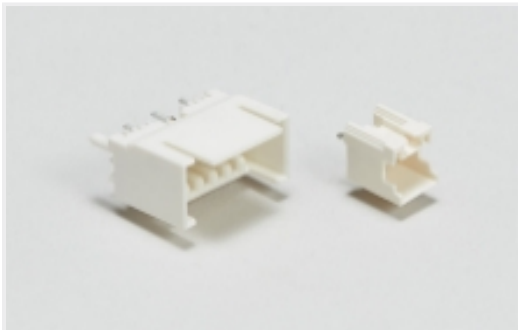


Standard Rectangular Connectors(22)





Wire-to-Board Connector Assemblies & Housings(22)

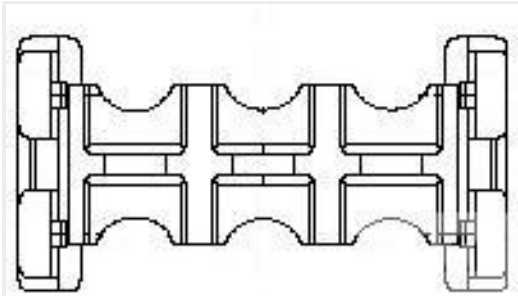


Wire-to-Board Headers & Receptacles (44)

Customers Also Bought



TE Part #7-179970-1  
PL EX 1P .250 HOUSING RECEPTACLE NA GWT



TE Part #1871820-1  
GIC 3.3 6P DBL LOCK PLATE(2-ROW, M-TYPE)



TE Part #1969588-5  
HSG, REC, FREE-HANGING, SINGLE ROW,EP2.5

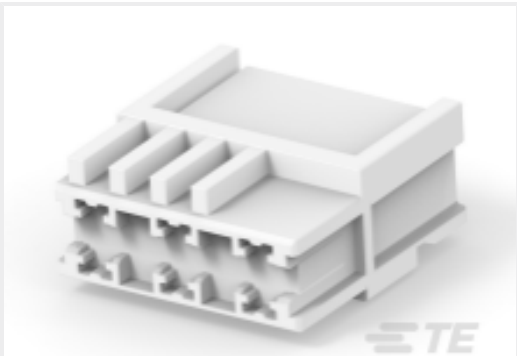
TE Part #2-2232701-1  
NEW GI CONN2.5 PLUG HSG 2P NC



TE Part #2-2232891-1  
11P MONOPLUG 2.5 SELECTIVELY LOADED



TE Part #2383410-5  
SGI 1.5 TPA, 5P, Black



TE Part #2404460-3  
3P RAST 2.5 STD TIMER (5mm pitch)

TE Part #1-2406849-5  
5P MONOPLUG 2.5 SEL LOADED W TUBE-B



TE Part #2331088-1  
250 PL MII HSG.,REC.,13MM 2P, NATURAL

TE Part #2365219-1  
250 FASTON,TAB,TPBR

Documents

Product Drawings

SGI 1.5 Plug HSG, 5P, Key A, Natural

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_2382946-5\_A.3d\_stp.zip

English

Customer View Model



[ENG\\_CVM\\_CVM\\_2382946-5\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2382946-5\\_A.3d\\_igs.zip](#)

English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English