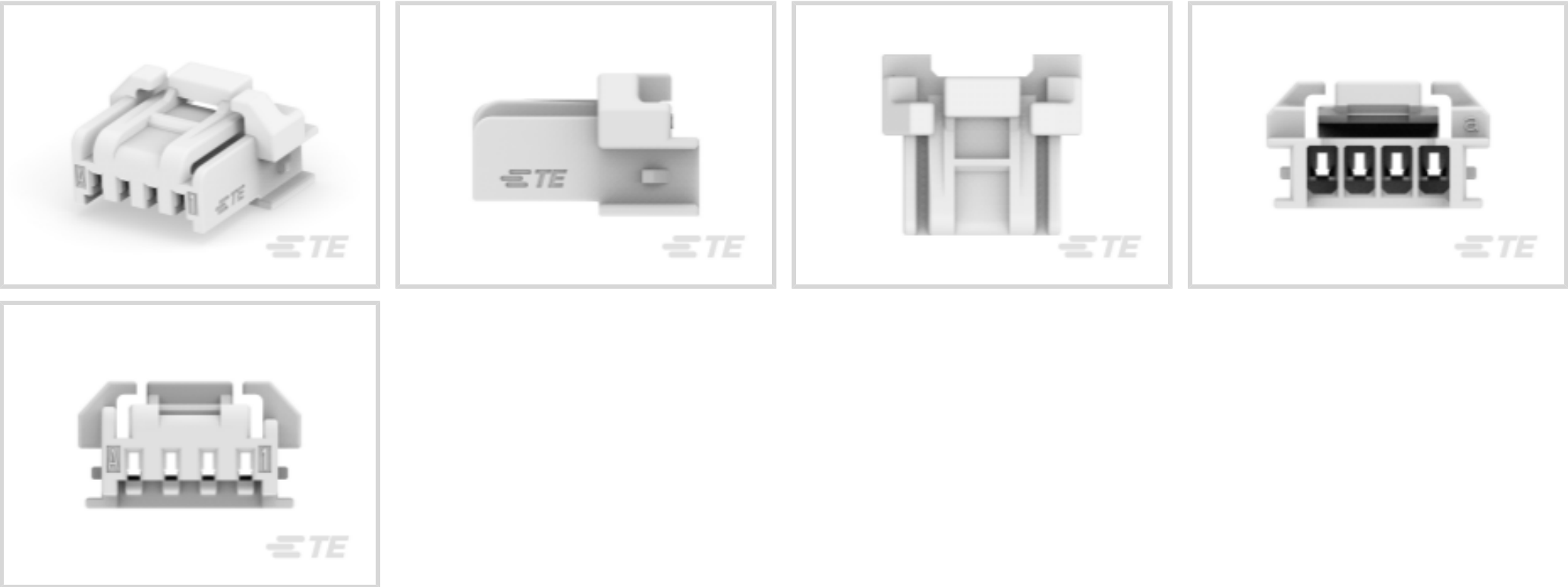




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **4**

Centerline (Pitch): **1.5 mm [ .059 in ]**

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 | 4 |
| Number of Rows      | 1 |

Electrical Characteristics

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

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

Usage Conditions

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

Operation/Application

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

Industry Standards

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

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



TE Part # 2383410-4  
SGI 1.5 TPA, 4P, Black



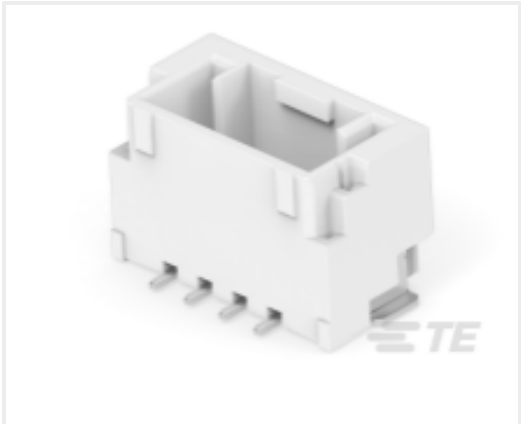
TE Part # 2371403-2  
SGI 1.5 RCPT Contact, 24-28AWG



TE Part # 2360545-4  
SGI 1.5 HDR, 4P, RA, Key A, Natural



TE Part # 2-2383410-4  
SGI 1.5 TPA, 4P, Natural

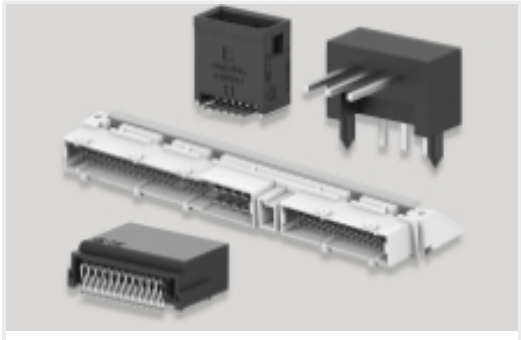


TE Part # 2360547-4  
SGI 1.5 HDR, 4P, VT, Key A, Natural

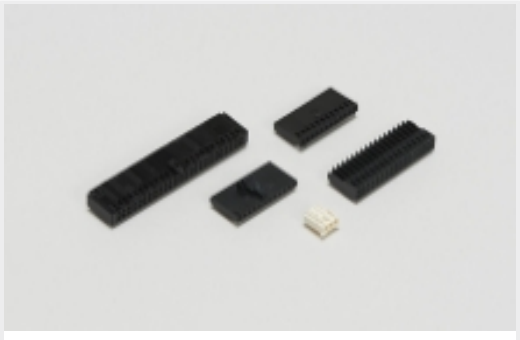
Also in the Series | GRACE INERTIA 1.5



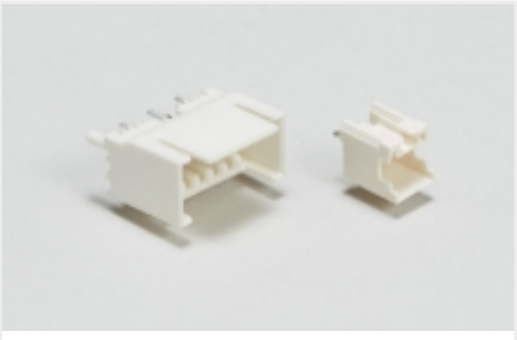
Connector Caps & Covers(21)



PCB Headers & Receptacles(44)



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



Wire-to-Board Headers & Receptacles (44)

Customers Also Bought





TE Part #5-316769-1  
POWER D/LOCK CAP HSG 1P  
NATURA(GWT)

TE Part #368571-1  
PDL 3P PLUG 3.96(GWT) NAT

TE Part #917725-1  
2.5 SIGNAL D/LOCK HDR ASSY 5P

TE Part #917789-1  
2.5 S.D.L POST HDR ASY 11P STD

TE Part #1217125-1  
250 FASTON,PCB TAB,TPBR

TE Part #1-1470107-2  
2.0MM PITCH CRIMP HOUSING 12P

TE Part #2360545-4  
SGI 1.5 HDR, 4P, RA, Key A, Natural

TE Part #2382946-8  
SGI 1.5 Plug HSG, 8P, Key A, Natural

TE Part #1-2382946-2  
SGI 1.5 Plug HSG, 12P, Key A, Natural

TE Part #2383410-4  
SGI 1.5 TPA, 4P, Black

Documents

Product Drawings

SGI 1.5 Plug HSG, 4P, Key A, Natural

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_2382946-4\_A.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_2382946-4\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2382946-4\_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