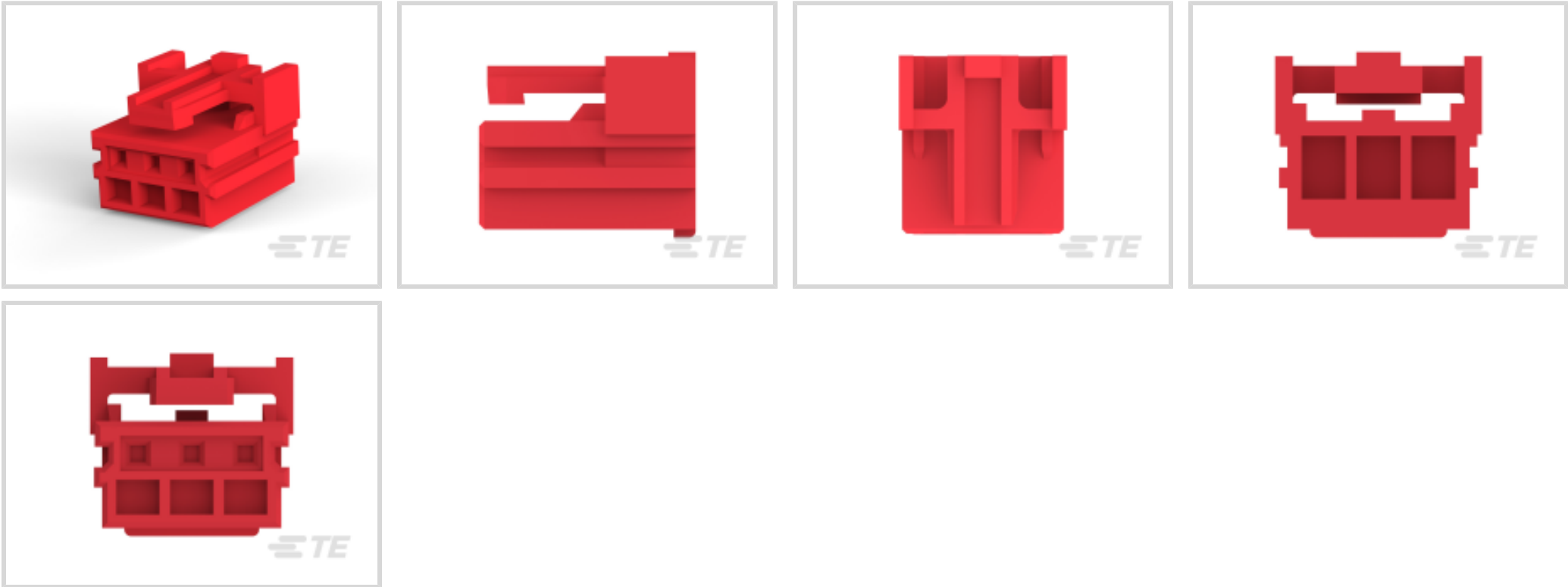




Connectors > Rectangular Connectors > Standard Rectangular Connectors > STD Temp Sig GRACE INERTIA Plug



Connector Product Type: **Housing**  
Connector & Housing Type: **Plug**  
Connector System: **Wire-to-Board**  
Number of Positions: **3**  
Centerline (Pitch): **2 mm [ .079 in ]**

[All STD Temp Sig GRACE INERTIA Plug \(63\)](#)

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 | 3 |
| Number of Rows      | 1 |

Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 50 VAC |
|-------------------|--------|

Body Features

|                       |     |
|-----------------------|-----|
| Primary Product Color | Red |
|-----------------------|-----|



Contact Features

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

Mechanical Attachment

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

Housing Features

|                    |               |
|--------------------|---------------|
| Housing Material   | Nylon 66 GF   |
| Centerline (Pitch) | 2 mm[.079 in] |

Dimensions

|                  |                  |
|------------------|------------------|
| Connector Width  | 6.75 mm[.266 in] |
| Connector Height | 7.9 mm[.311 in]  |
| Connector Length | 7.54 mm[.297 in] |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -30 – 105 °C[-22 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |        |
|---------------------|--------|
| Halogen Free        | No     |
| Circuit Application | Signal |

Identification Marking

|                                |         |
|--------------------------------|---------|
| Circuit Identification Feature | Without |
|--------------------------------|---------|

Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Method   | Package |
| Packaging Quantity | 600     |

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 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 # CAT-G7534A-C1701  
STD Temp Sig GRACE INERTIA Cap



TE Part # CAT-G7534A-P729  
STD Temp Sig GRACE INERTIA Plug



TE Part # 1903392-1  
GIC 2.5 W CAP HSG 3P NATURAL

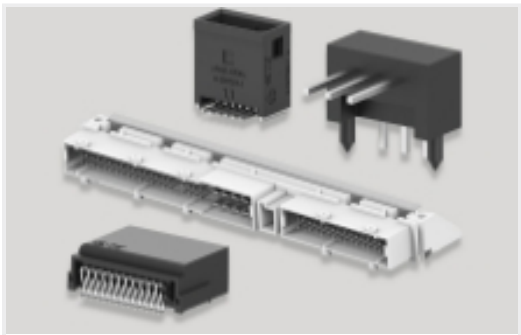


TE Part # 1-2367943-3  
GI2.0EV VT SMT Poting HDR,RED,Key B,3P

Also in the Series | GRACE INERTIA 2.0



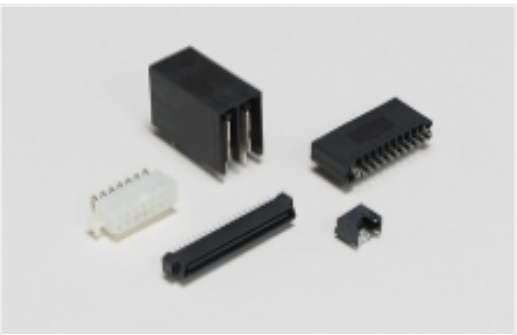
Connector Contacts(4)



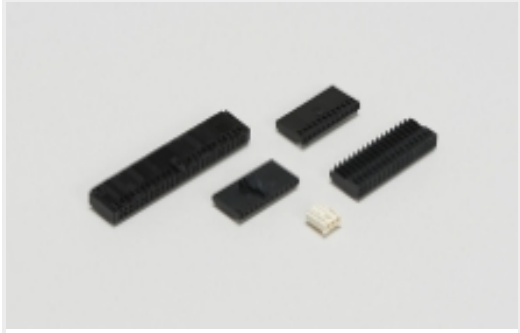
PCB Headers & Receptacles(70)



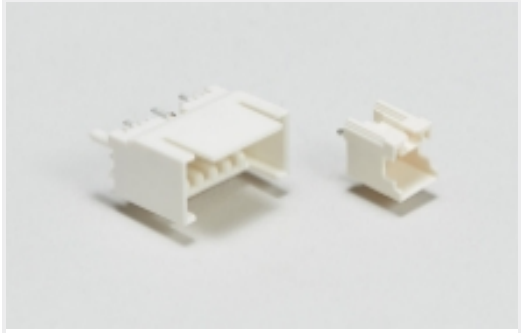
Rectangular Connector Housings(20)



Standard Rectangular Connectors(38)



Wire-to-Board Connector Assemblies & Housings(1)



Wire-to-Board Headers & Receptacles (70)



Customers Also Bought



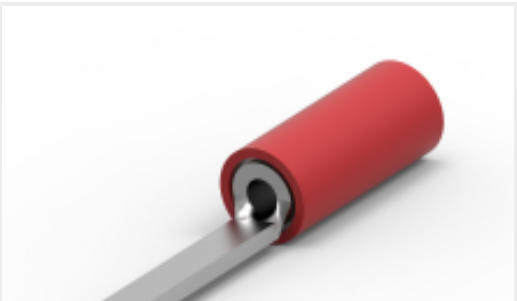
TE Part #350550-3  
UMNL SOK 20-14 PTPPHBZ L/P



TE Part #35316  
TERMINAL,PIDG R 16-14HD 1/2



TE Part #3-640426-6  
06P MTA156 CONN ASSY 18AWG ORA



TE Part #150730  
22-16 PIDG TAB 3,3/3



TE Part #1-175196-3  
DYNAMIC D-3 REC CONT/L AU 0.76



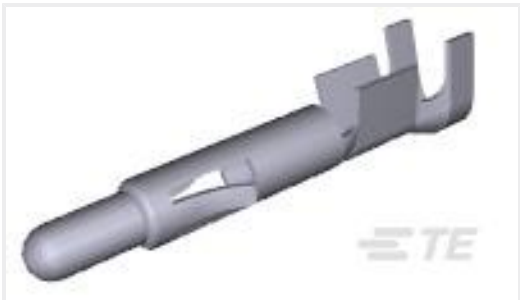
TE Part #CAT-HST-VERSAFITV4  
Versafit-V4 Heat Shrink Tubing



TE Part #1971031-1  
Receptacle contact for GIC 2.0



TE Part #34852  
TERMINAL,PG R 12-10 6



TE Part #350547-3  
UMNL PIN 20-14 PTPPHBZ L/P

Documents

Product Drawings

3POS Plug Housing for GIC 2.0 EV Series

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1971030-3\_F\_c-1-1971030-3-f.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1971030-3\_F\_c-1-1971030-3-f.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1971030-3\_F\_c-1-1971030-3-f.3d\_stp.zip

English

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



[Product Specifications](#)

[Application Specification](#)

English