

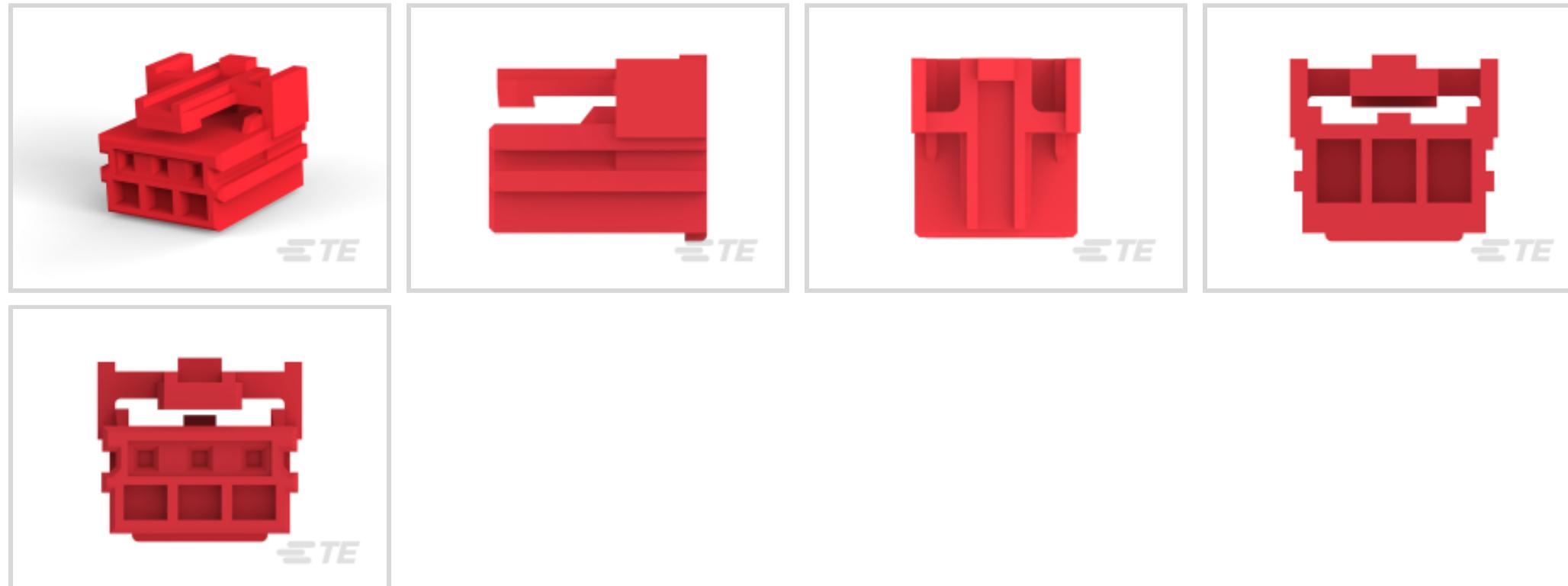
GRACE INERTIA 2.0

TE Internal #: 1-1971030-3

Rectangular Connector Housings, Wire-to-Board, 3 Position, .079 in [2 mm] Centerline, 1 Row, Nylon 66 GF, Plug, Socket, GRACE INERTIA 2.0

[View on TE.com >](#)

Connectors > Rectangular Connectors > Rectangular Connector Housings > STD Temp Sig GRACE INERTIA Plug



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

Number of Positions: **3**

Centerline (Pitch): **2 mm [.079 in]**

Number of Rows: **1**

Housing Material: **Nylon 66 GF**

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

Features

Product Type Features

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

Configuration Features

Number of Cavities	3
Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VAC
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Contact Features

Contact Layout	Inline
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Contact Type

Socket

Mechanical Attachment

Connector Mounting Type

Cable Mount (Free-Hanging)

Housing Features

Housing Color

Red

Centerline (Pitch)

2 mm[.079 in]

Housing Material

Nylon 66 GF

Dimensions

Connector Height

7.9 mm[.311 in]

Product Width

6.75 mm[.266 in]

Product 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 Quantity

600

Packaging Method

Package

Product ComplianceFor 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 2024
(240)Candidate List Declared Against: JAN 2024
(240)

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

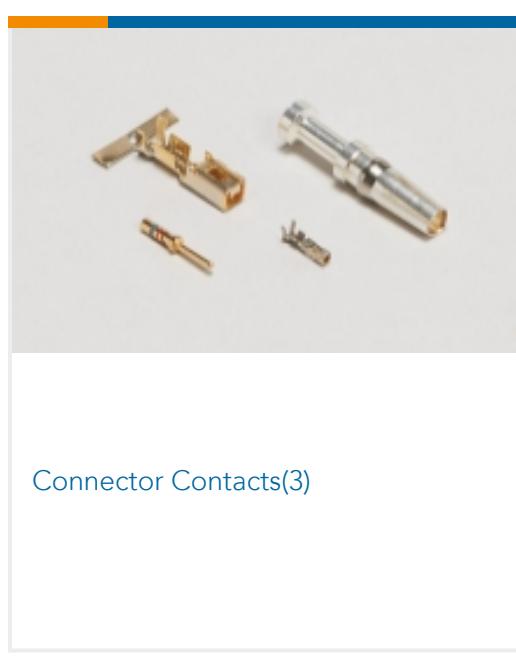
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

TE Part # 1903392-1
GIC 2.5 W CAP HSG 3P NATURALTE Part # CAT-G7534A-P729
STD Temp Sig GRACE INERTIA PlugTE Part # CAT-G7534A-C1701
STD Temp Sig GRACE INERTIA CapTE Part # 1-2367943-3
GI2.0EV VT SMT Potting HDR,RED,Key B,3P

Also in the Series

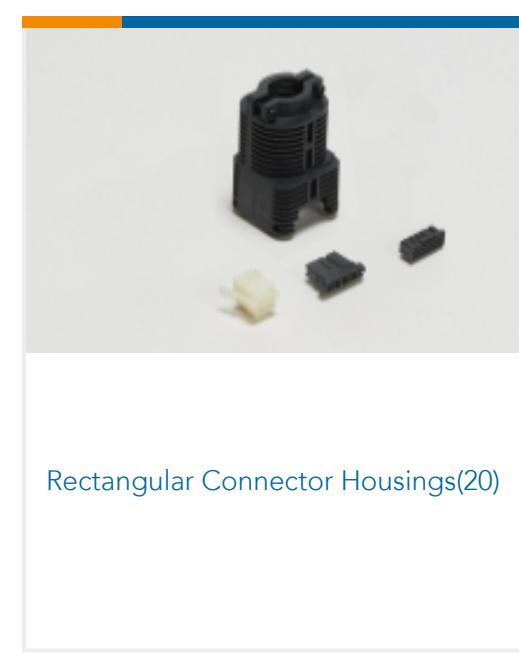
GRACE INERTIA 2.0



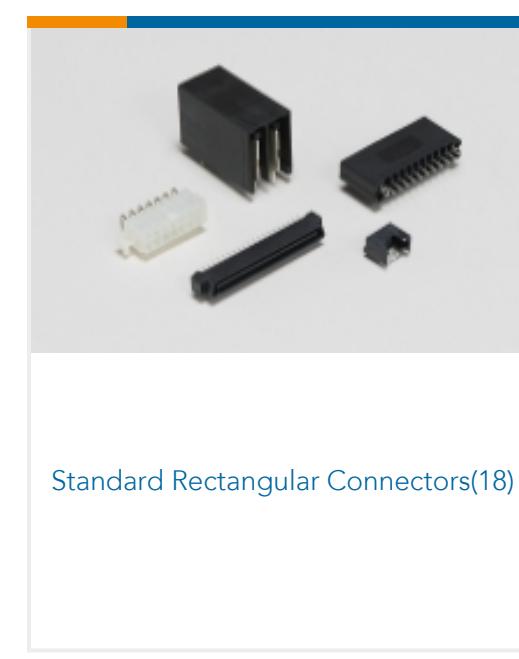
Connector Contacts(3)



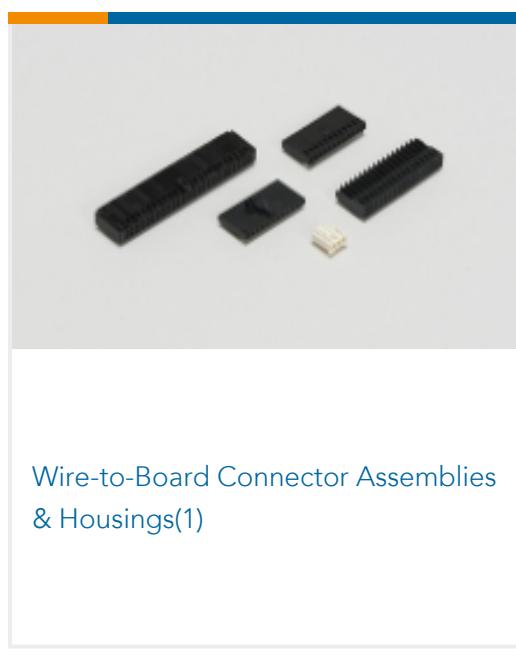
PCB Headers & Receptacles(70)



Rectangular Connector Housings(20)

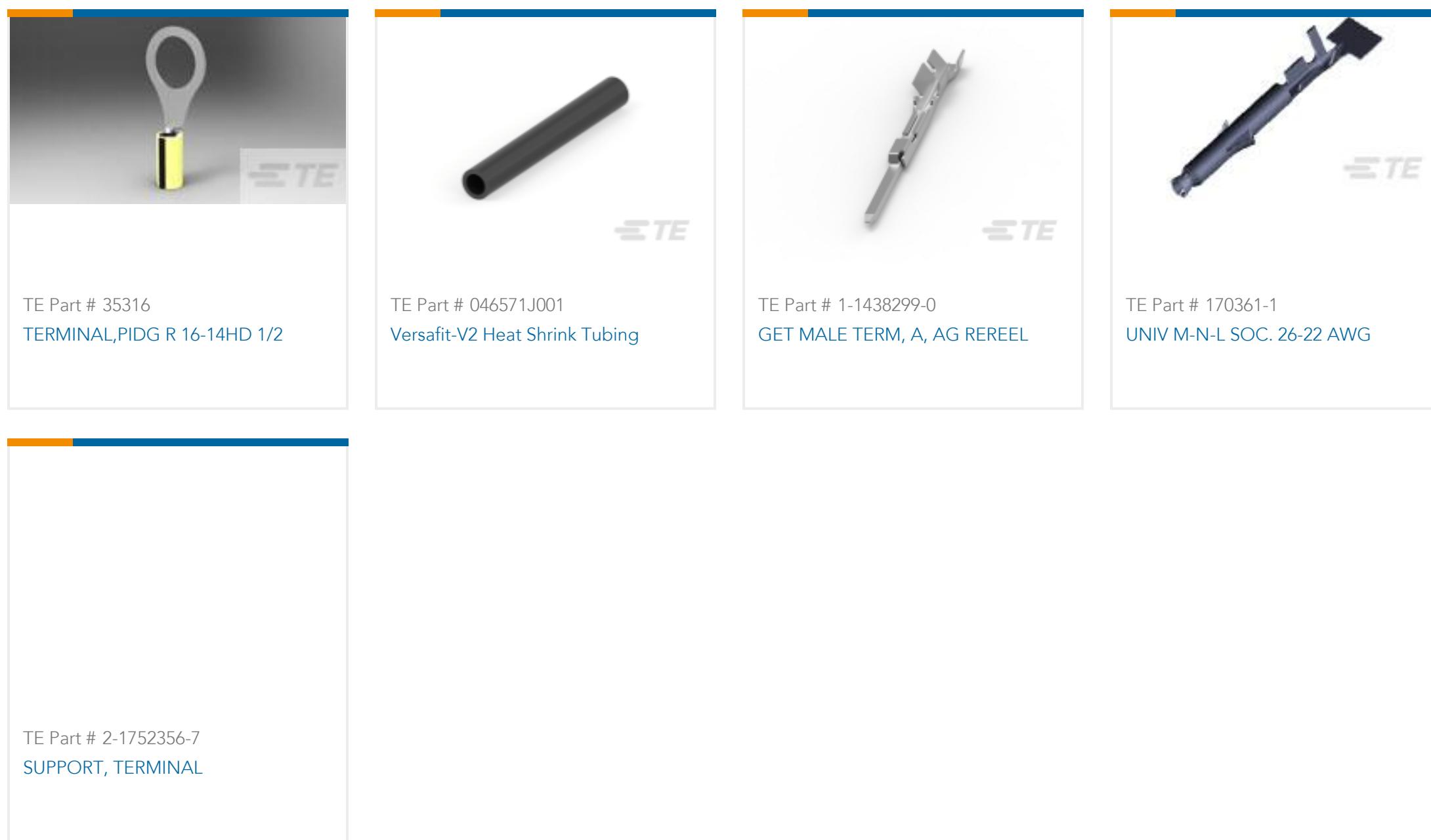


Standard Rectangular Connectors(18)



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

Customers Also Bought



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