

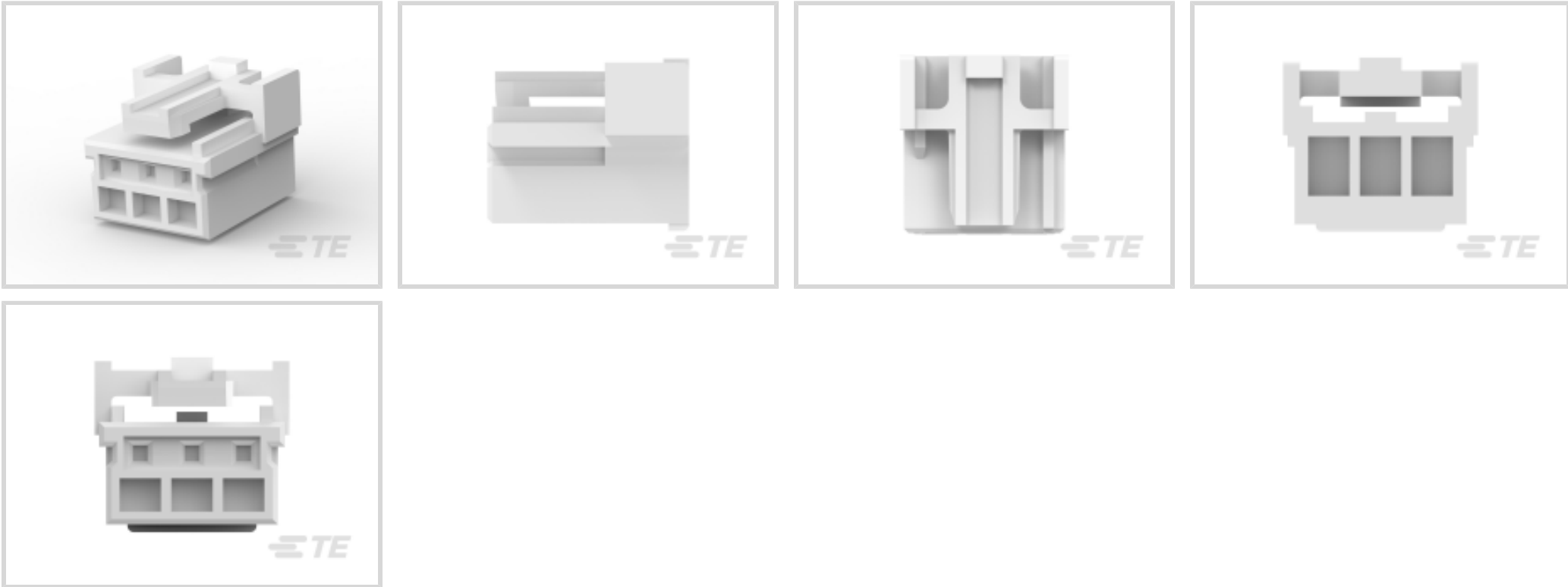


GRACE INERTIA 2.0

TE Internal #: 1971030-3
Wire-to-Board, 3 Position, 2 mm [.079 in] Centerline, 1 Row, Nylon 66 GF, Plug, Socket, GRACE INERTIA 2.0, Rectangular Connector Housings

[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 Positions	3
Number of Rows	1
Number of Cavities	3

Housing Features

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



Contact Features

Contact Type	Socket
Contact Layout	Inline

Operation/Application

Circuit Application	Signal
Halogen Free	No

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Usage Conditions

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

Operating Voltage	50 VDC
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Dimensions

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

Identification Marking

Circuit Identification Feature	Without
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Industry Standards

Compatible With Agency/Standards Products	UL
UL Flammability Rating	UL 94V-0

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
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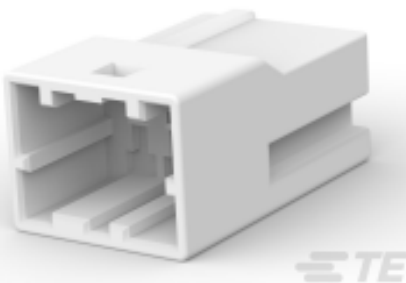


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

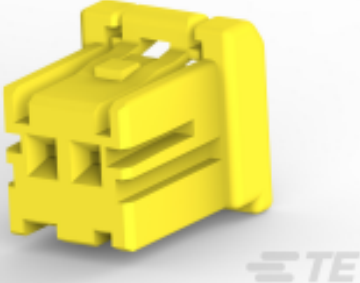
Product Compliance Disclaimer

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>

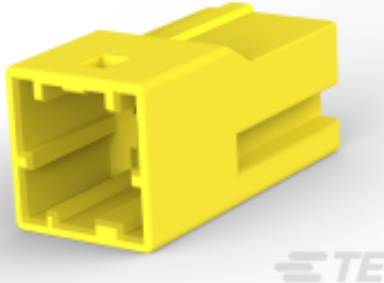
Compatible Parts



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



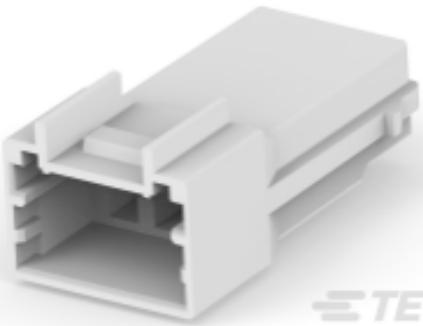
TE Part # CAT-G7534A-P729
STD Temp Sig GRACE INERTIA Plug



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



TE Part # 2367943-3
GI2.0EV VT SMT Poting HDR,NTL,Key A,3P



TE Part # 2400014-3
GIC2.0 EV CAP HOUSING 3 POS. NATURAL

Also in the Series | GRACE INERTIA 2.0



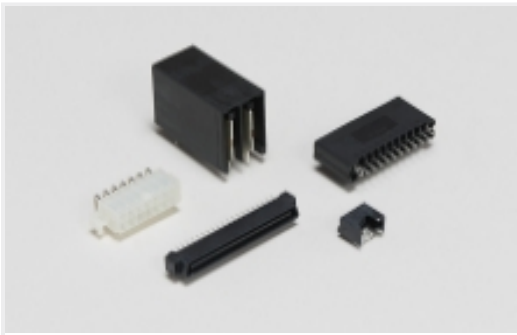
Connector Contacts(4)



PCB Headers & Receptacles(70)



Rectangular Connector Housings(20)



Standard Rectangular Connectors(18)

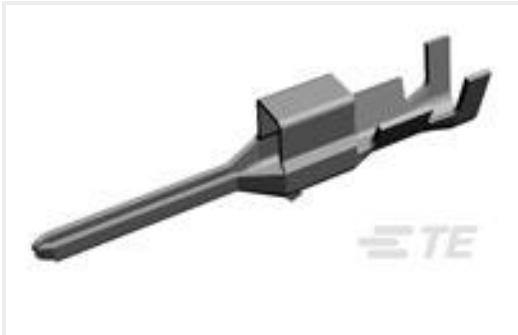


Wire-to-Board Connector Assemblies & Housings(1)

Customers Also Bought



TE Part #353908-5
Mini Common Termination (CT) Housings



TE Part #917765-1
2.5 SIGNAL D/LOCK TAB CONT. M



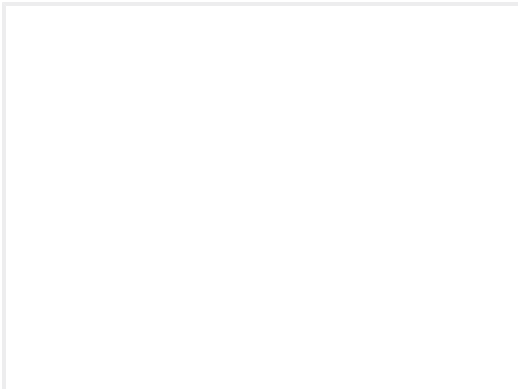
TE Part #1747996-4
GHC EYELET 12.4 2POS HEADER ASSY YELLOW



TE Part #2-2382946-5
SGI 1.5 Plug HSG, 5P, Key B, Black



TE Part #4-1971904-2
TPA 4POS,NEW GIC3.3



TE Part #2357095-1
GRACE INERTIA 3.5W PLUG 12P NAT

Documents

Product Drawings

3POS Plug Housing for GIC 2.0 EV

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1971030-3_F_c-1971030-3-f.2d_dxf.zip

1971030-3

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



English

Customer View Model

[ENG_CVM_CVM_1971030-3_F_c-1971030-3-f.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1971030-3_F_c-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