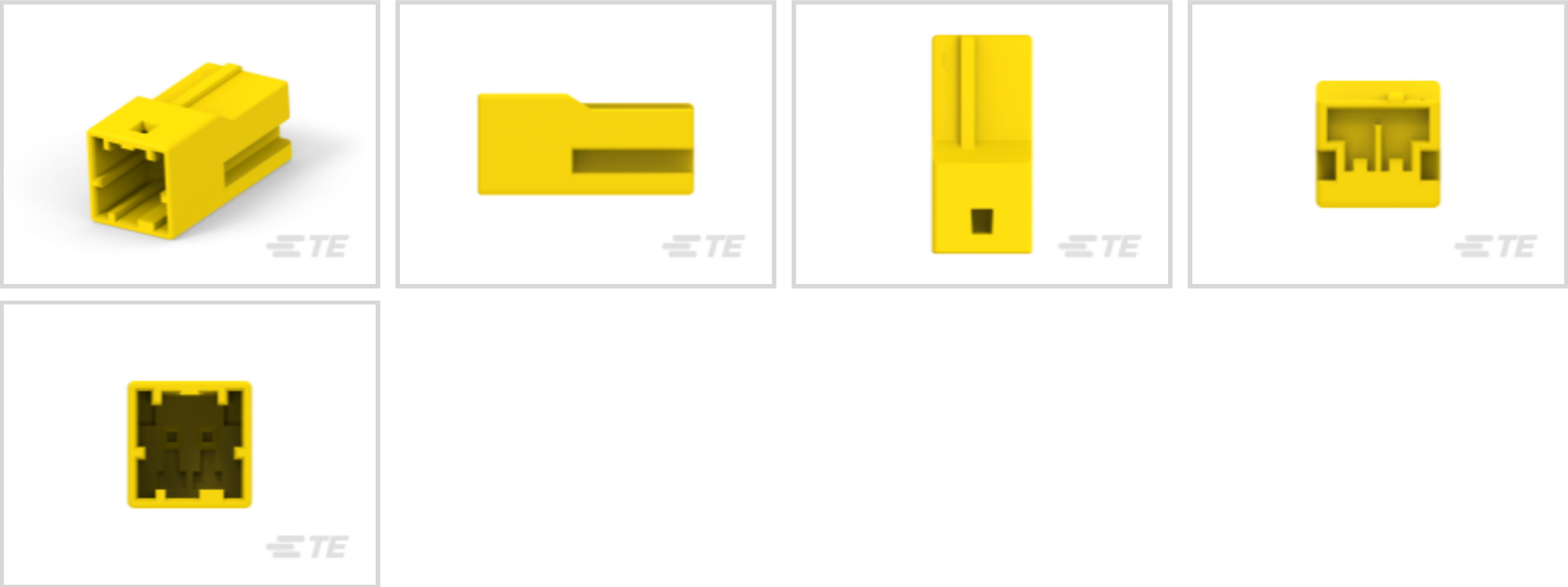




TE Internal #: 3-2232567-4
Wire-to-Wire, 2 Position, 2.5 mm [.098 in] Centerline, 1 Row, PBT GF, Receptacle, Tab, Wire & Cable, Signal, Rectangular Connector Housings
[View on TE.com >](#)

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



Connector System: **Wire-to-Wire**
Number of Positions: **2**
Centerline (Pitch): **2.5 mm [.098 in]**
Number of Rows: **1**
Housing Material: **PBT GF**
[All STD Temp Sig GRACE INERTIA Cap \(20\)](#)

Features

Electrical Characteristics

Operating Voltage	250 VDC
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Identification Marking

Circuit Identification Feature	Without
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Dimensions

Product Width	8.8 mm[.346 in]
Product Length	8.7 mm[.342 in]
Connector Height	18.8 mm[.74 in]

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Method	Bag
Packaging Quantity	500



Contact Features

Contact Layout	Inline
Contact Type	Tab

Housing Features

Housing Color	Yellow
Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	PBT GF

Configuration Features

Number of Cavities	2
Number of Positions	2
Number of Rows	1

Product Type Features

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

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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Operation/Application

Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	



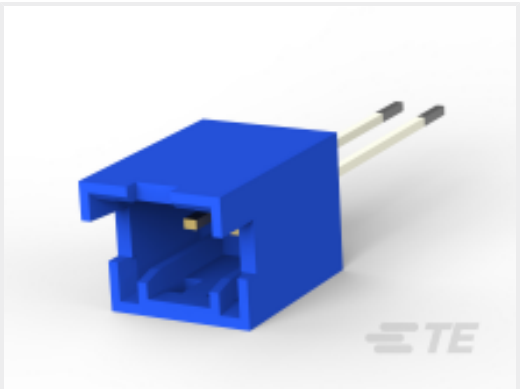
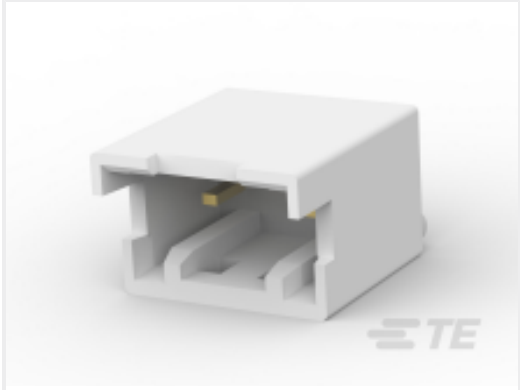
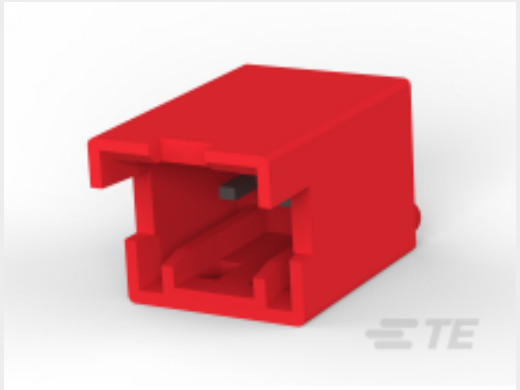
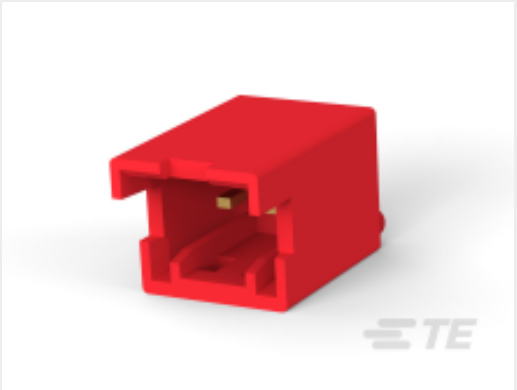
Current ECHA Candidate List: JUNE 2024 (241)
Candidate List Declared Against: JUNE 2024 (241)
Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

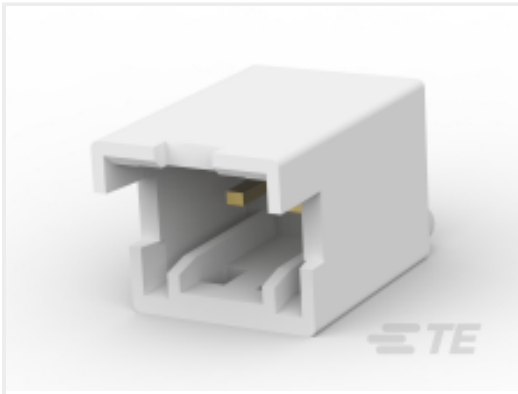
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

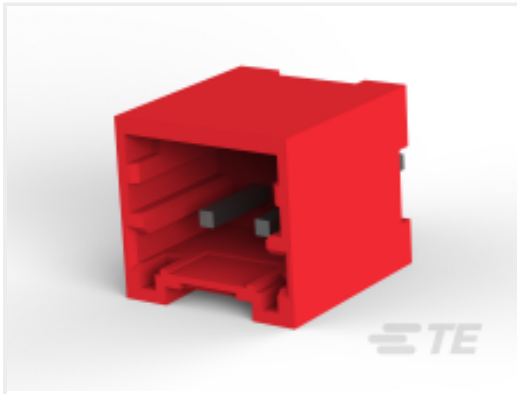
 TE Part # 1747066-2 GRACE INERTIA CONN 2.5 PLUG HSG 2P NATUR	 TE Part # 1971032-2 2POS HEADER ASSEMBLY FOR GIC 2.0 EV	 TE Part # 7-1747072-2 GRACE INERTIA CONN 2.5 ON TAPE HDR 2P BL	 TE Part # 1-1747066-2 GRACE INERTIA CONN 2.5 PLUG HSG 2P RED
 TE Part # CAT-G7534A-H342A Glow Wire Sig GRACE INERTIA Header	 TE Part # 3-1971032-2 2POS HEADER ASSEMBLY FOR GIC 2.0 EV	 TE Part # 1-1871843-2 GIC2.5 HDR ASSY TIN VERSION 2P RED	 TE Part # 1-1747067-2 GRACE INERTIA CONN 2.5 HDR ASSY 2P RED



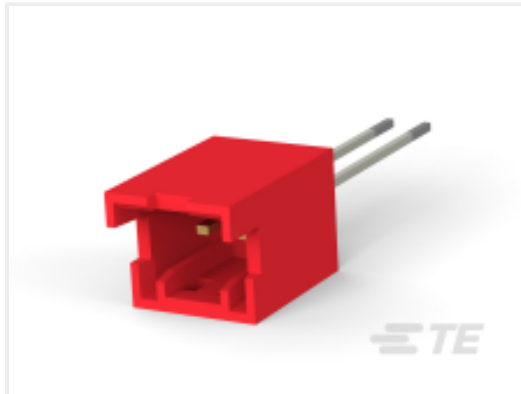
TE Part # 1903388-1
GIC 2.5 W PLUG HSG 2P NATURAL



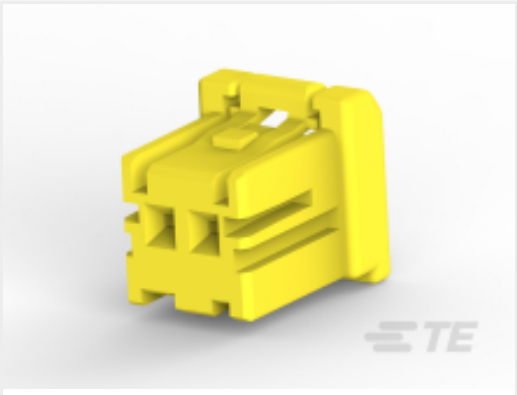
TE Part # 1747067-2
GRACE INERTIA CONN 2.5 HDR ASSY 2P NATUR



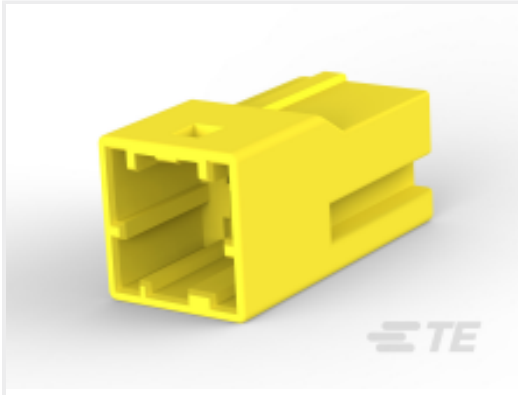
TE Part # 1-1971032-2
2POS HEADER ASSEMBLY FOR GIC 2.0 EV



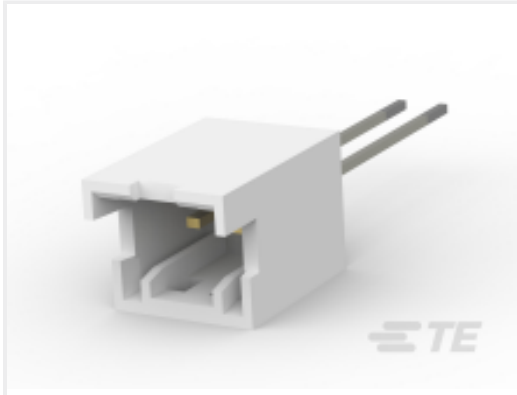
TE Part # 6-1747072-2
GRACE INERTIA CONN 2.5 ON TAPE HDR 2P RE



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



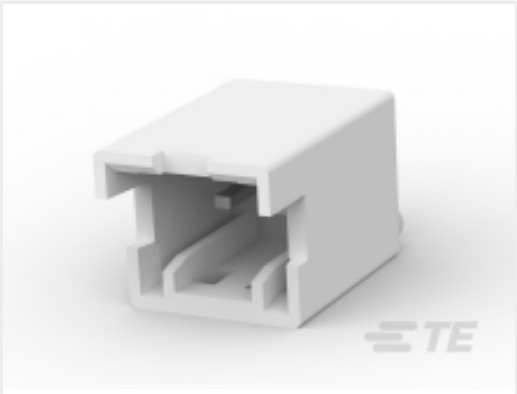
TE Part # CAT-G7534A-C1701
STD Temp Sig GRACE INERTIA Cap



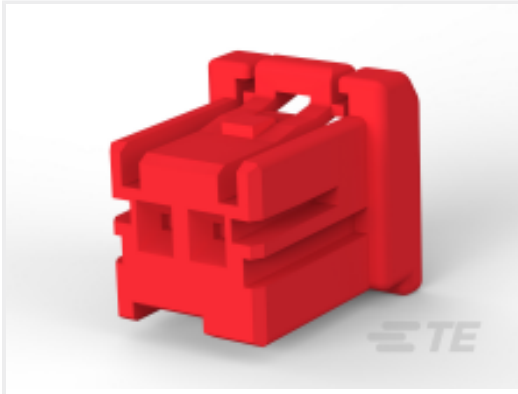
TE Part # 5-1747072-2
GRACE INERTIA CONN 2.5 ON TAPE HDR 2P NA



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



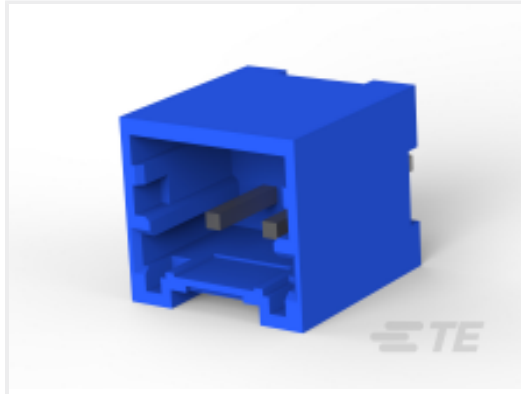
TE Part # 1871843-2
GIC 2.5 HDR ASSY TIN VERSION 2P



TE Part # 1-1903388-2
GIC 2.5 W PLUG HSG 2P RED



TE Part # CAT-G7534A-P729A
Glow Wire Sig GRACE INERTIA Plug

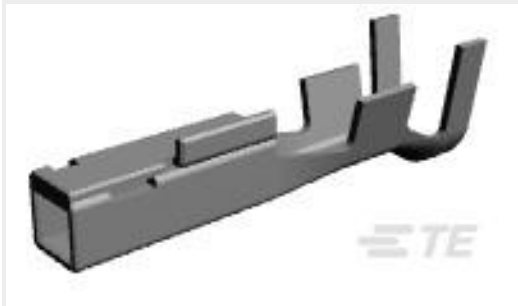


TE Part # 2-1971032-2
2POS HEADER ASSEMBLY FOR GIC 2.0 EV

Customers Also Bought



TE Part #917686-1
2.5 SIGNAL D/LOCK PLUG HSG 2P



TE Part #1565079-1
GRACE INERTIA 3.5 REC CONTACT(L)



TE Part #177914-2
AMP POWER DBL LOCK REC (S)



TE Part #1969442-6
EP 2.5 TPA Housing, 6 Pos



TE Part #1969442-5
EP 2.5 TPA Housing, 5 Pos



TE Part #1565089-1
GRACE INERTIA CONNECTOR 3.5 2P



TE Part #2232905-1
EP 2.5 LIF RCPT CONTACT, 26-22 AWG



TE Part #1565083-1
GRACE INERTIA CONNECTOR 3.5 4P



TE Part #CAT-G7534-C1701
STD Temp GRACE INERTIA Cap

Documents

Product Drawings

GIC 2.5 W CAP HSG 2P YELLOW

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2232567-4_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2232567-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2232567-4_A.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