

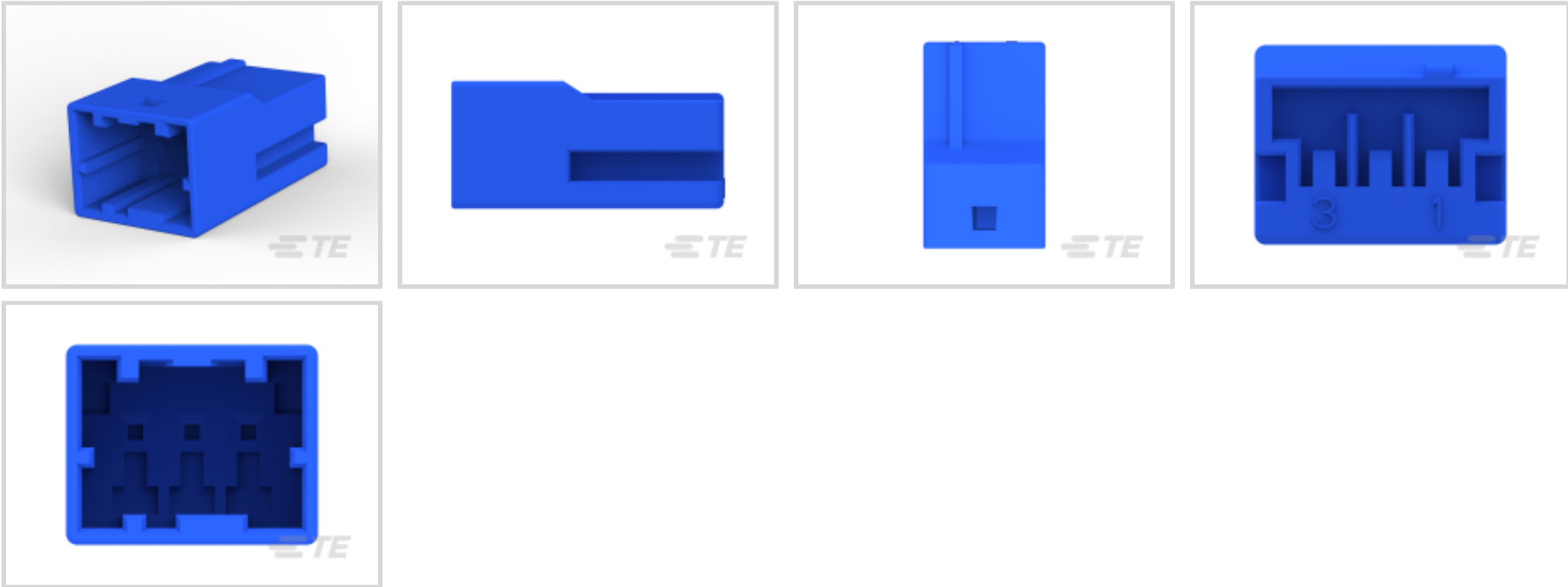


GRACE INERTIA 2.5

TE Internal #: 2-1903392-3
Wire-to-Wire, 3 Position, 2.5 mm [.098 in] Centerline, 1 Row, PBT GF, Receptacle, Tab, Wire & Cable, GRACE INERTIA 2.5, 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: **3**
Centerline (Pitch): **2.5 mm [.098 in]**
Number of Rows: **1**
Housing Material: **PBT GF**

[All STD Temp Sig GRACE INERTIA Cap \(20\)](#)

Features

Product Type Features

Connector System	Wire-to-Wire
Connector & Housing Type	Receptacle
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	250 VAC
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Contact Features

Contact Layout	Inline
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Contact Type

Tab

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

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

Dimensions

Connector Height	18.8 mm[.74 in]
Product Width	8.8 mm[.346 in]
Product Length	11.2 mm[.441 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Halogen Free	No
Circuit Application	Signal

Identification Marking

Circuit Identification Feature	Without
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	500
Packaging Method	Bag

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

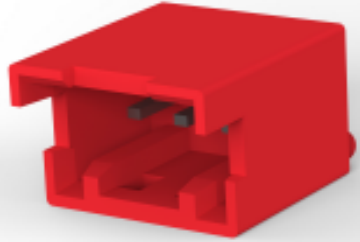
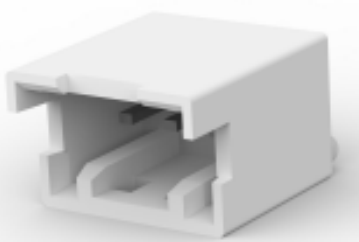
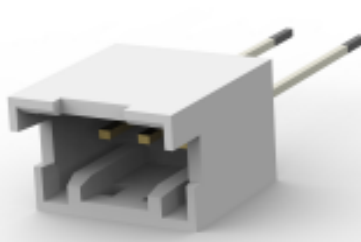
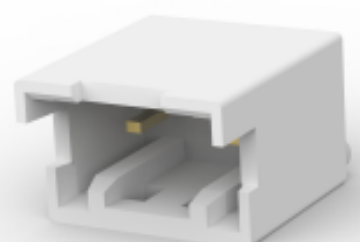
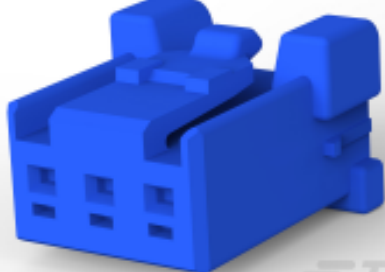
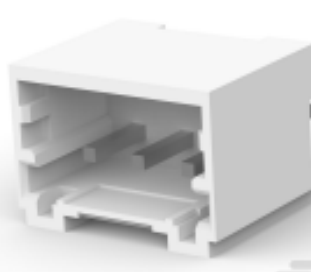


EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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 # 1-1871843-3 GIC 2.5 HDR ASSY TIN VERSION 3P RED	 TE Part # 1871843-3 GIC 2.5 HDR ASSY TIN VERSION 3P	 TE Part # 5-1747072-3 GRACE INERTIA CONN 2.5 ON TAPE HDR 3P NA	 TE Part # CAT-G7534A-H342A Glow Wire Sig GRACE INERTIA Header
 TE Part # CAT-G7534A-P729 STD Temp Sig GRACE INERTIA Plug	 TE Part # CAT-G7534A-P729A Glow Wire Sig GRACE INERTIA Plug	 TE Part # 2-1747066-3 GRACE INERTIA CONN 2.5 PLUG HSG 3P BLUE	 TE Part # 1971032-3 3P HEADER ASSEMBLY FOR GIC 2.0 EV



TE Part # 1747066-3
GRACE INERTIA CONN 2.5 PLUG
HSG 3P NATUR

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

TE Part # 1827738-1
GIC 2.5 HDR ASSY SPECIAL 3/5P

TE Part # 2-1871843-3
GIC 2.5 HDR ASSY TIN VERSION 3P
BLUE

TE Part # 1903389-1
GIC 2.5 W PLUG HSG 3P NATURAL

TE Part # 2-1971032-3
3POS HEADER ASSEMBLY FOR GIC
2.0 EV

TE Part # 3-1971032-3
3POS HEADER ASSEMBLY FOR GIC
2.0 EV

TE Part # 1747508-1
GRACE INERTIA CONN 2.5 HDR ASSY
2/3P NAT

TE Part # 1-1971032-3
3POS HEADER ASSEMBLY FOR GIC
2.0 EV

TE Part # 1871845-3
GIC 2.5 ON TAPE HDR TIN VERSION
3P

TE Part # 2013523-1
GIC 2.5 HDR ASSY TIN VERSION 2/3P

TE Part # 3-1871843-3
GIC 2.5 HDR ASSY TIN VERSION 3P
YELLOW

Also in the Series | GRACE INERTIA 2.5

Connector Contacts(6)

Connector Hardware(7)

PCB Headers & Receptacles(138)

Rectangular Connector Housings(49)

Rectangular Power Connectors(35)

Wire-to-Board Connector Assemblies
& Housings(46)

Customers Also Bought





TE Part #1746974-1

GRACE INERTIA CONNECTOR 6.2
MM PITCH TAB



TE Part #2-1871570-3

GIC 3.3 PLUG HOUSING 12POS



TE Part #316086-9

2.5 S.D.L CAP HSG 2P BLACK



TE Part #917686-9

2.5 S.DBL L. PLUG HSG 2P BLACK



TE Part #1-1903389-2

STD Temp Sig GRACE INERTIA Plug



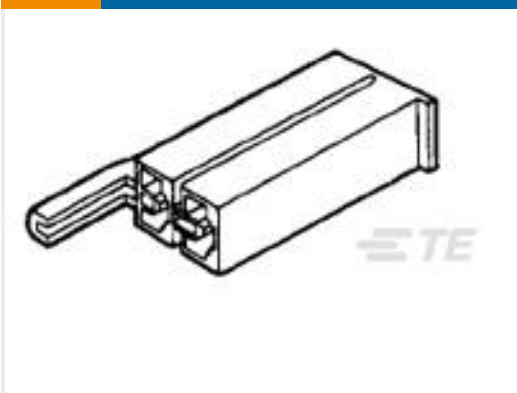
TE Part #6-1633919-5

ANVIL COMBINATION



TE Part #179466-4

AMP POWER DBL LOCK CAP HSG 6P



TE Part #1-174587-4

PL MK2 2P 187 HOUSING REC
YELLOW

Documents

Product Drawings

GIC 2.5 W CAP HSG 3P BLUE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1903392-3_F_c-2-1903392-3-f.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1903392-3_F_c-2-1903392-3-f.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1903392-3_F_c-2-1903392-3-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