2-1903388-3 ✔ ACTIVE

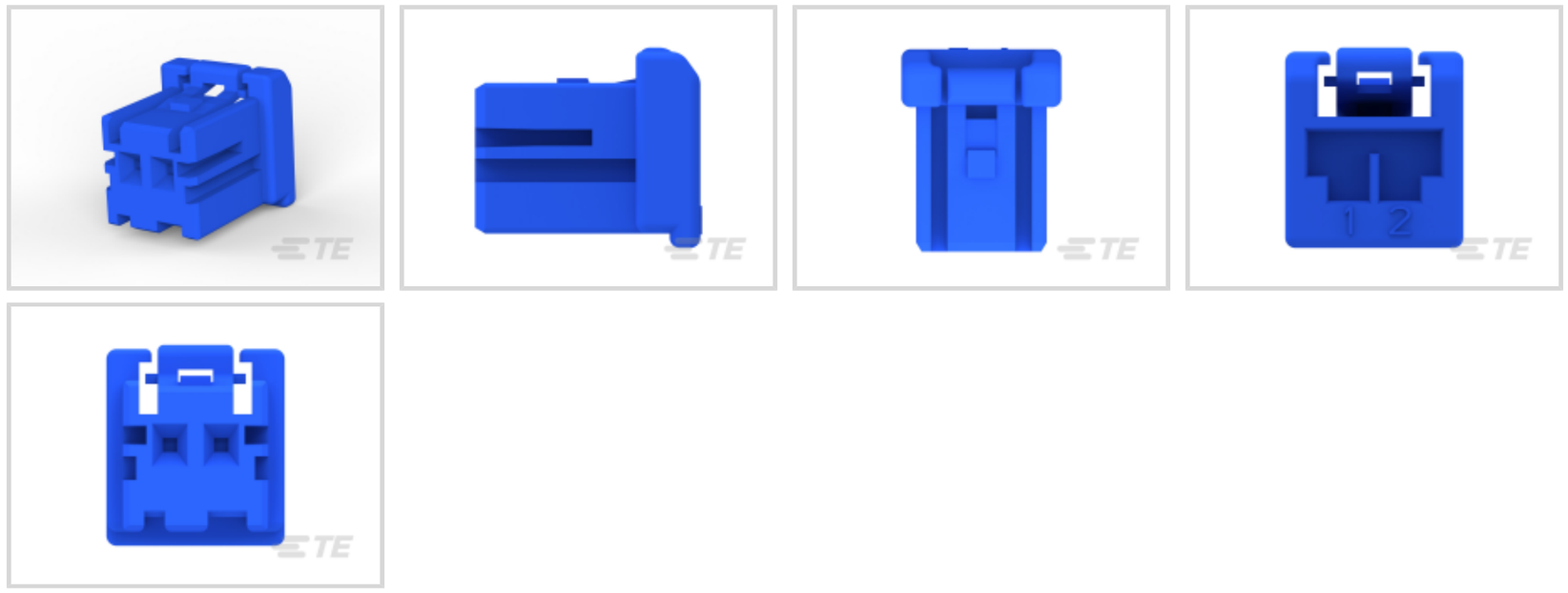
GRACE INERTIA | GRACE INERTIA 2.5

TE Internal #: 2-1903388-3

2 Position, Plug, Housing, Wire-to-Wire, 2.5 mm [.098 in] Centerline, 1 Row, 250 VAC, Wire & Cable, Signal, GRACE INERTIA 2.5

View on TE.com >

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



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **2**

Centerline (Pitch): **2.5 mm [.098 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-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Blue

Contact Features

Contact Layout	Inline
Contact Type	Socket

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	Glass-Filled PBT

Dimensions

Connector Width	9.6 mm[.378 in]
Connector Height	11 mm[.433 in]
Connector Length	8.7 mm[.342 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

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Bag
Packaging Quantity	1000

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)

	Candidate List Declared Against: JUNE 2025 (250) 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

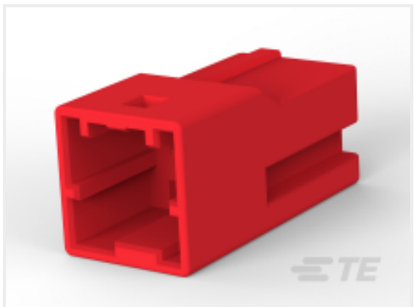
Product Compliance Disclaimer

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

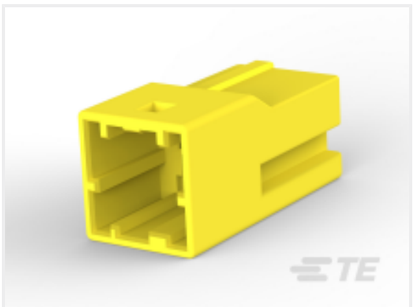
Compatible Parts



TE Part # 1903391-1
GIC 2.5 W CAP HSG 2P NATURAL



TE Part # 1-1903391-2
GIC 2.5 W CAP HSG 2P RED



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

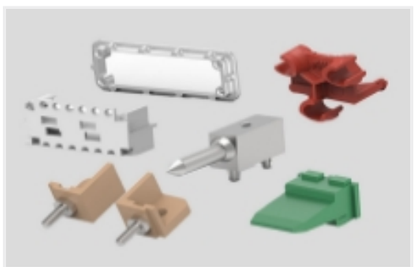


TE Part # CAT-G7534A-P729
STD Temp Sig GRACE INERTIA Plug

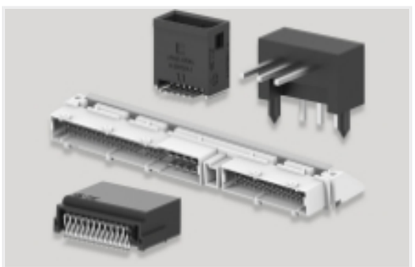
Also in the Series | GRACE INERTIA 2.5



Connector Contacts(6)



Connector Hardware(7)



PCB Headers & Receptacles(173)



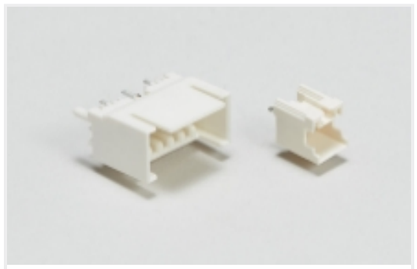
Power Contacts(2)



Rectangular Power Connectors(44)



Wire-to-Board Connector Assemblies & Housings(36)



Wire-to-Board Headers & Receptacles (173)

Customers Also Bought



TE Part #179228-2
CT CRIMP TYPE REC HSG



TE Part #179228-4
CT CRIMP-2 REC HSG 4P NATURAL



TE Part #2-292254-2
CT RELAY HDR ASSY 2P BLUE



TE Part #353907-1
CT 1.5MM REC CONT CRIMP TYPE



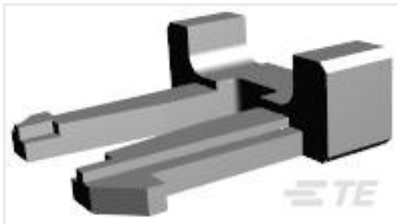
TE Part #353908-2
CT REC HSG 2P CRIMP TYPE WHITE



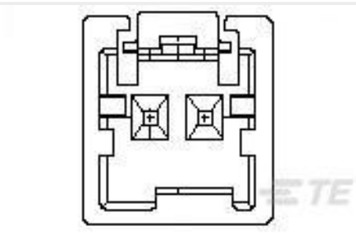
TE Part #353908-4
CT REC HSG 4P CRIMP TYPE WHITE



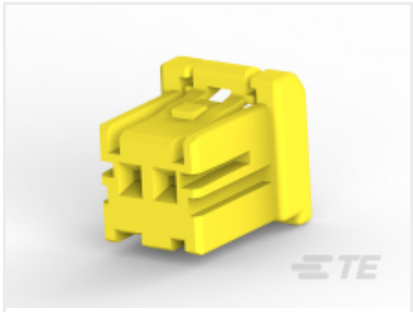
TE Part #917686-1
2.5 SIGNAL D/LOCK PLUG HSG 2P



TE Part #917698-1
2.5 SIGNAL DBL LOCK D.L.P 2P



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



TE Part #3-1903388-4
GIC 2.5 W PLUG HSG 2P YELLOW

Documents

Product Drawings

GIC 2.5 W PLUG HSG 2P BLUE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1903388-3_F_c-2-1903388-3-f.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1903388-3_F_c-2-1903388-3-f.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1903388-3_F_c-2-1903388-3-f.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

1-1773883-5 GRACE INERTIA connector quick reference guide

English

Product Specifications

Application Specification

English