

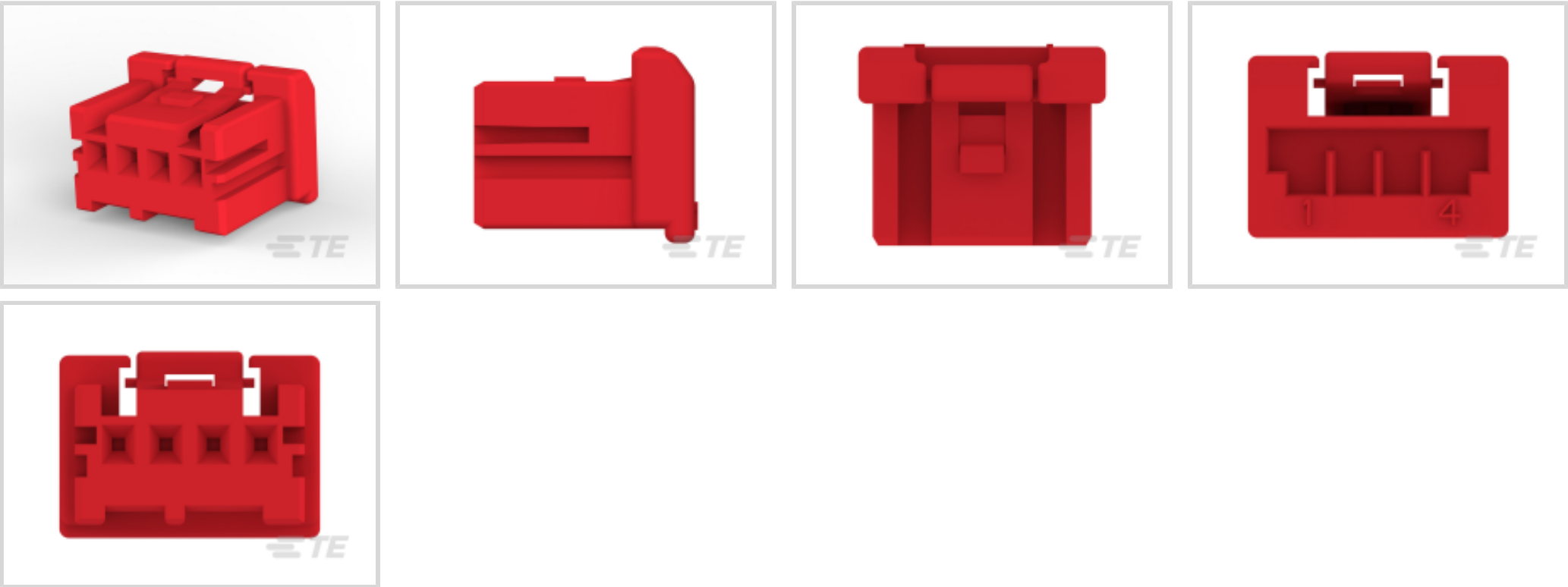


GRACE INERTIA 2.5

TE Internal #: 1-1903390-2
Wire-to-Wire, 4 Position, 2.5 mm [.098 in] Centerline, 1 Row, PBT GF, Plug, Socket, Wire & Cable, GRACE INERTIA 2.5, Rectangular Connector Housings

[View on TE.com >](#)

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



Connector System: **Wire-to-Wire**
Number of Positions: **4**
Centerline (Pitch): **2.5 mm [.098 in]**
Number of Rows: **1**
Housing Material: **PBT GF**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	4
Number of Rows	1
Number of Cavities	4

Housing Features

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



Contact Features

Contact Type	Socket
Contact Layout	Inline

Operation/Application

Circuit Application	Signal
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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	250 VDC
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Dimensions

Product Width	9.6 mm[.378 in]
Product Length	13.7 mm[.539 in]
Connector Height	11 mm[.433 in]

Identification Marking

Circuit Identification Feature	Without
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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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	No Restricted Materials Above Threshold

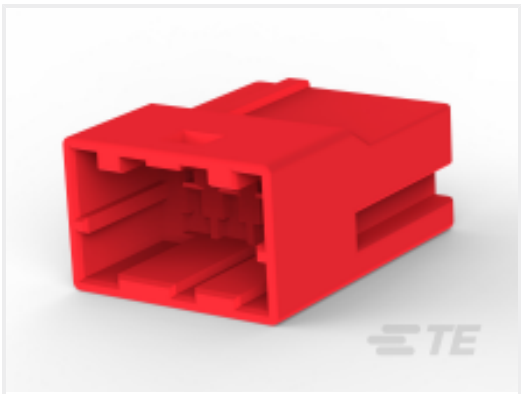
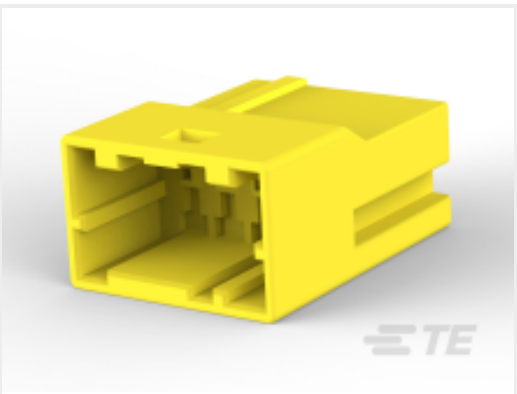


EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

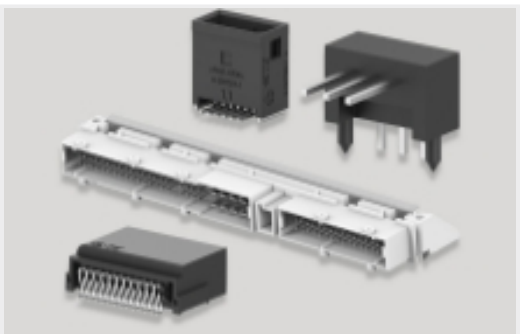
Product Compliance Disclaimer

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 # CAT-G7534A-P729 STD Temp Sig GRACE INERTIA Plug	 TE Part # 1-1903393-2 GIC 2.5 W CAP HSG 4P RED	 TE Part # 1903393-1 GIC 2.5 W CAP HSG 4P NATURAL	 TE Part # 3-1903393-4 GIC 2.5 W CAP HSG 4P YELLOW
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Also in the Series | GRACE INERTIA 2.5

 Connector Contacts(6)	 Connector Hardware(7)	 PCB Headers & Receptacles(173)	 Rectangular Connector Housings(49)
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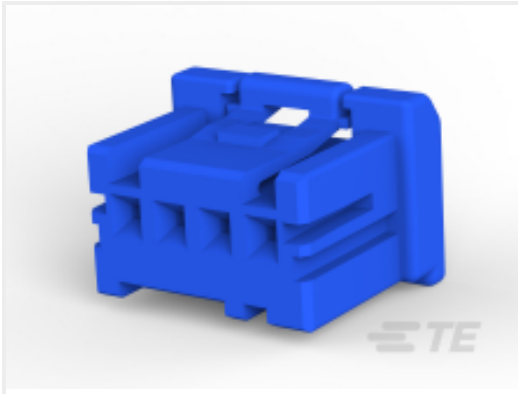


Wire-to-Board Connector Assemblies & Housings(47)

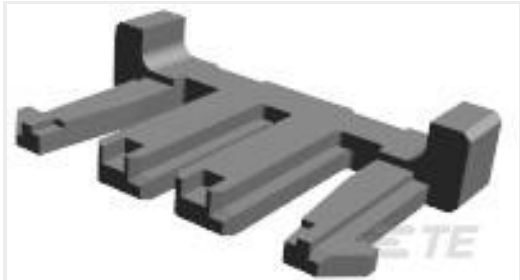
Customers Also Bought



TE Part #5172070-1
DRAWER CONN. FEMALE HSG ASSY 8



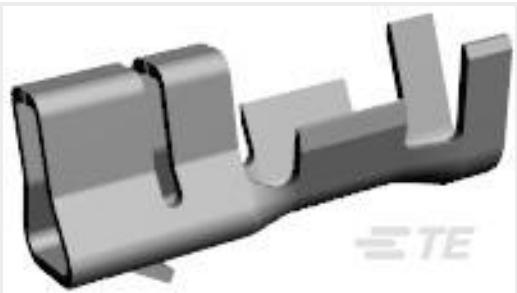
TE Part #2-1903390-3
GIC 2.5 W PLUG HSG 4P BLUE



TE Part #917700-1
2.5 SIGNAL D/LOCK D.L.P 4P



TE Part #179227-1
CRIMP TYPE II REC CONTACT



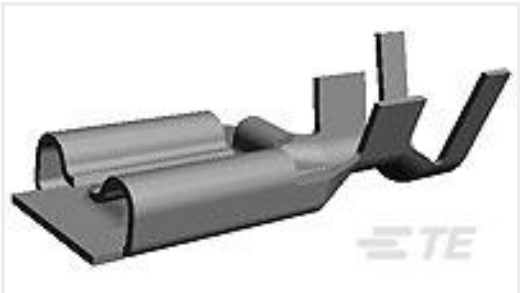
TE Part #917684-1
2.5 SIGNAL DBL LOCK REC CONT M



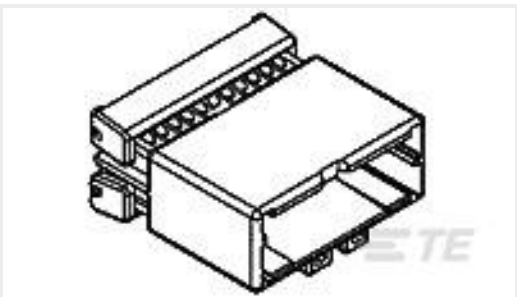
TE Part #175178-1
PL EX 250 REC TERMINAL-FLAG 12-10 PTPB



TE Part #42563-2
250 FASTON FLAG REC 12-10 AWG TPBR



TE Part #173724-1
187 PL EX REC. 20-14AWG PTBR



TE Part #1123350-1
040-3 MLC CAP HSG ASSY 16P

Documents

Product Drawings

GIC 2.5 W PLUG HSG 4P RED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1903390-2_F_c-1-1903390-2-f.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1-1903390-2_F_c-1-1903390-2-f.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1903390-2_F_c-1-1903390-2-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