

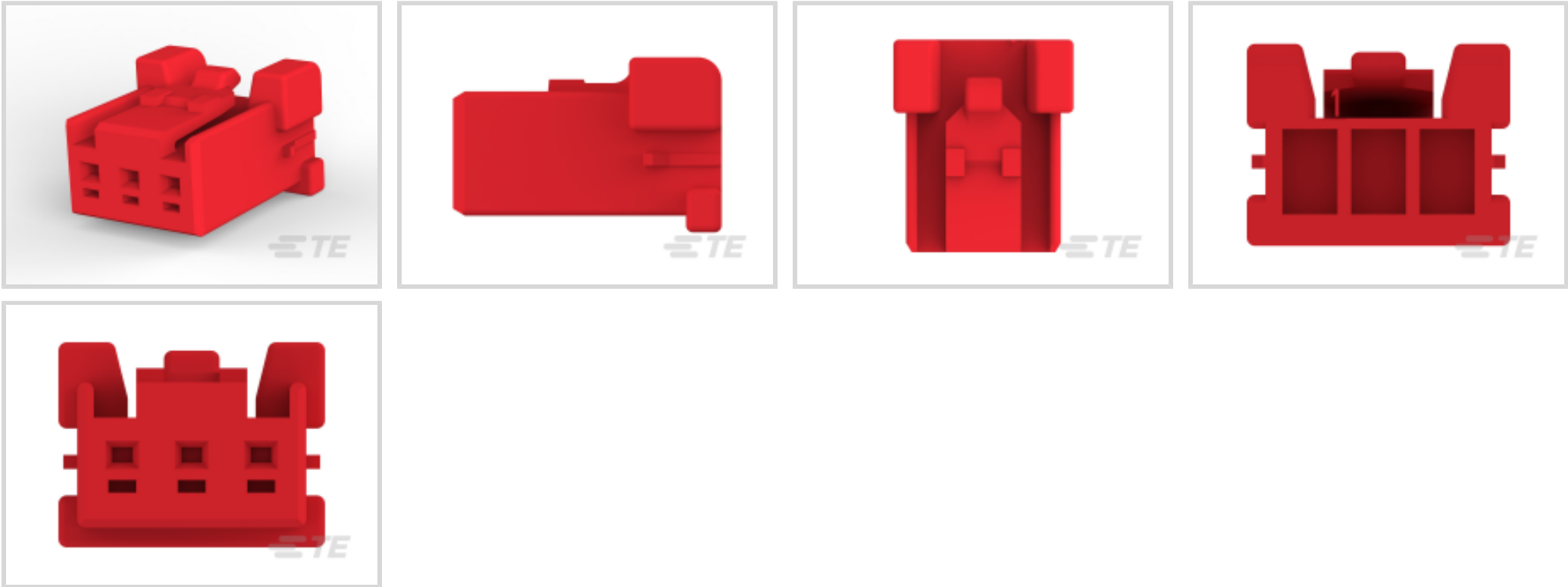


GRACE INERTIA 2.5

TE Internal #: 1-1747066-3
Wire-to-Board, 3 Position, 2.5 mm [.098 in] Centerline, 1 Row, Nylon
66 GF, Plug, Socket, 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-Board**
Number of Positions: **3**
Centerline (Pitch): **2.5 mm [.098 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)	2.5 mm[.098 in]
Housing Material	Nylon 66 GF
Housing Color	Red



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	7.1 mm[.279 in]
Product Length	9.6 mm[.378 in]
Connector Height	11.3 mm[.445 in]

Identification Marking

Circuit Identification Feature	Without
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Packaging Features

Packaging Method	Bag
Packaging Quantity	800

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 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 # 3-2232546-3
GI2.5 HDR ASS 3P RED NO BOSS TAPE



TE Part # 3-2232701-4
NEW GI CONN2.5 PLUG HSG 3P YLW

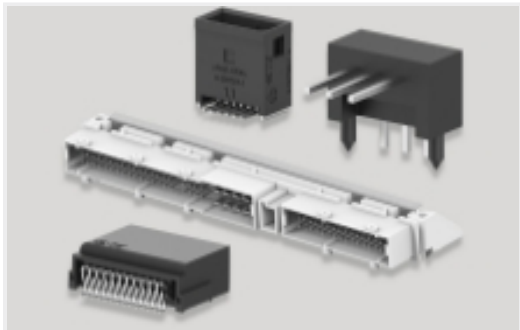
Also in the Series | GRACE INERTIA 2.5



Connector Contacts(6)



Connector Hardware(7)



PCB Headers & Receptacles(173)



Rectangular Connector Housings(49)

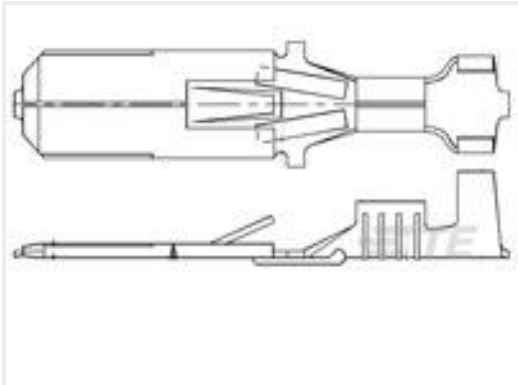


Wire-to-Board Connector Assemblies & Housings(47)

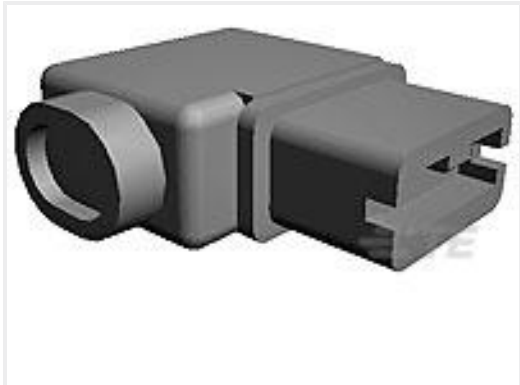
Customers Also Bought



TE Part #1746973-1
GRACE INERTIA Tab



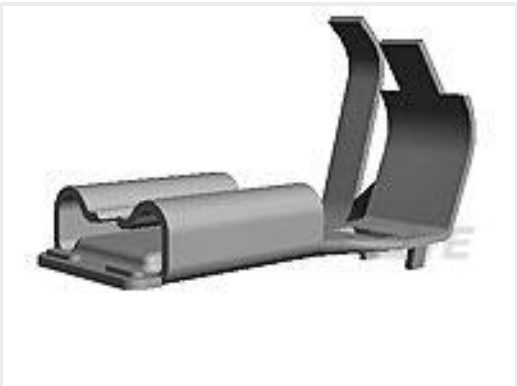
TE Part #170151-2
FF 250 TAB 18-14AWG PTBR



TE Part #1-176497-1
250 HSG. PL EX FLAG REC. NAT



TE Part #179973-1
250 PL EX REC. 22-18AWG PTBR



TE Part #175019-1
187 PL EX FLAG REC. 22-16AWG PTBR

Documents

Product Drawings
GRACE INERTIA CONN 2.5 PLUG HSG 3P RED
English

CAD Files
Customer View Model
ENG_CVM_CVM_1-1747066-3_E.2d_dxf.zip
English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_1-1747066-3_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1747066-3_E.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