

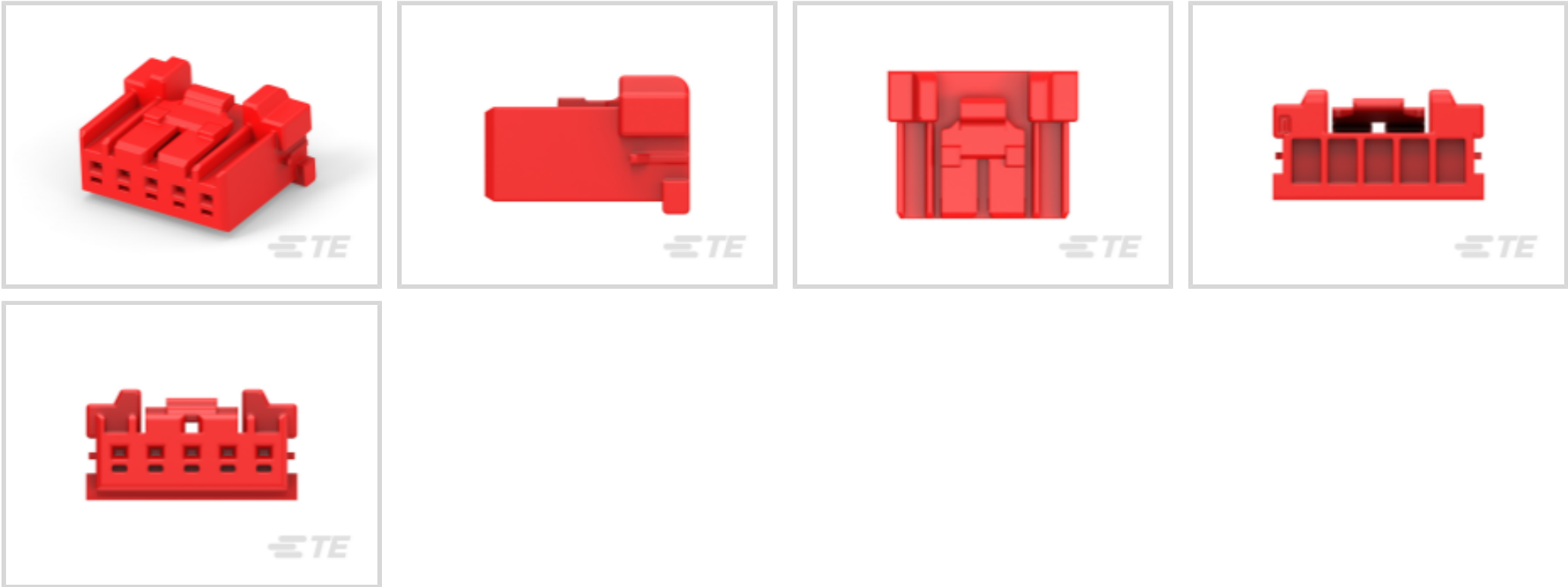


GRACE INERTIA 2.5

TE Internal #: 1-1747066-5
Housing, Plug, Wire-to-Board, 5 Position, 2.5 mm [.098 in]
Centerline, Crimp, 1 Row, Red, Wire & Cable, Power & Signal,
GRACE INERTIA 2.5

[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Connector System: **Wire-to-Board**
Number of Positions: **5**
Centerline (Pitch): **2.5 mm [.098 in]**

Features

Electrical Characteristics

Operating Voltage	50 VDC
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Contact Features

Contact Layout	Inline
Contact Base Material	Copper Alloy
Contact Type	Pin

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Bag
Packaging Quantity	500

Dimensions

Connector Height	7.65 mm[.3 in]
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Connector Length	14.6 mm[.574 in]
Mechanical Attachment	
Strain Relief	Without
Panel Mount Feature	Without
Mating Retention Type	Latch
PCB Mount Retention	Without
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	Nylon 6/6 GF
Housing Entry Configuration	Both Ends Open
Centerline (Pitch)	2.5 mm[.098 in]
Product Type Features	
Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	5
Number of Rows	1
Body Features	
Primary Product Color	Red
Termination Features	
Termination Method to Wire & Cable	Crimp
Usage Conditions	
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
Operation/Application	
Circuit Application	Power & Signal
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 # 1747063-1
GRACE INERTIA CONN 2.5 REC CON



TE Part # 1871843-5
GIC2.5 HDR ASSY TIN VERSION 5P NATURAL



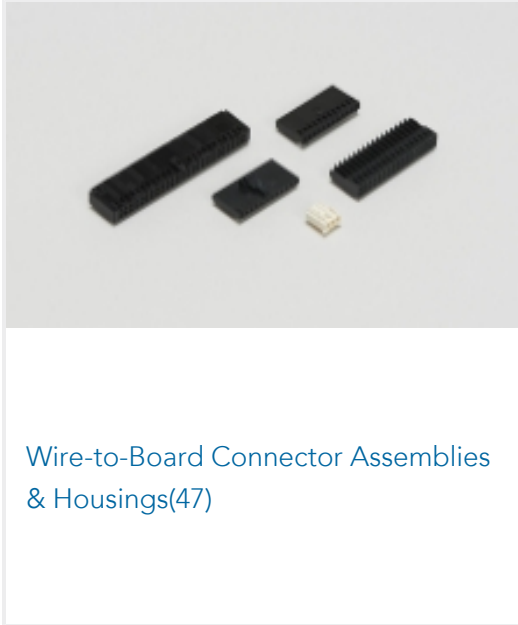
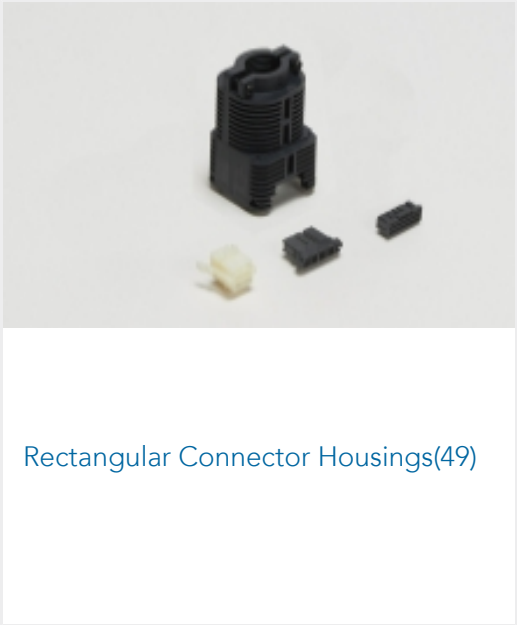
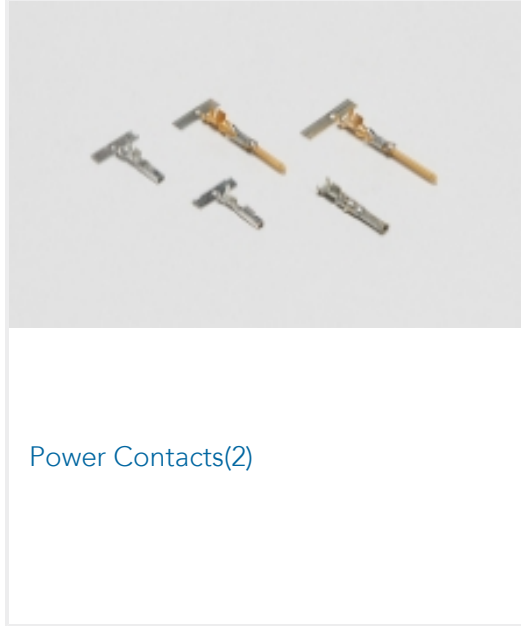
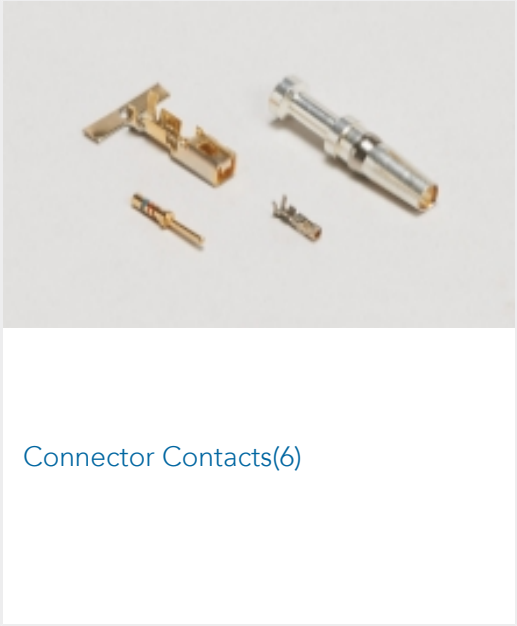
TE Part # 1-1903393-2
GIC 2.5 W CAP HSG 4P RED



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



Also in the Series | GRACE INERTIA 2.5



Customers Also Bought





Documents

Product Drawings

GRACE INERTIA CONN 2.5 PLUG HSG 5P RED

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1747066-5_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1747066-5_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1747066-5_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