

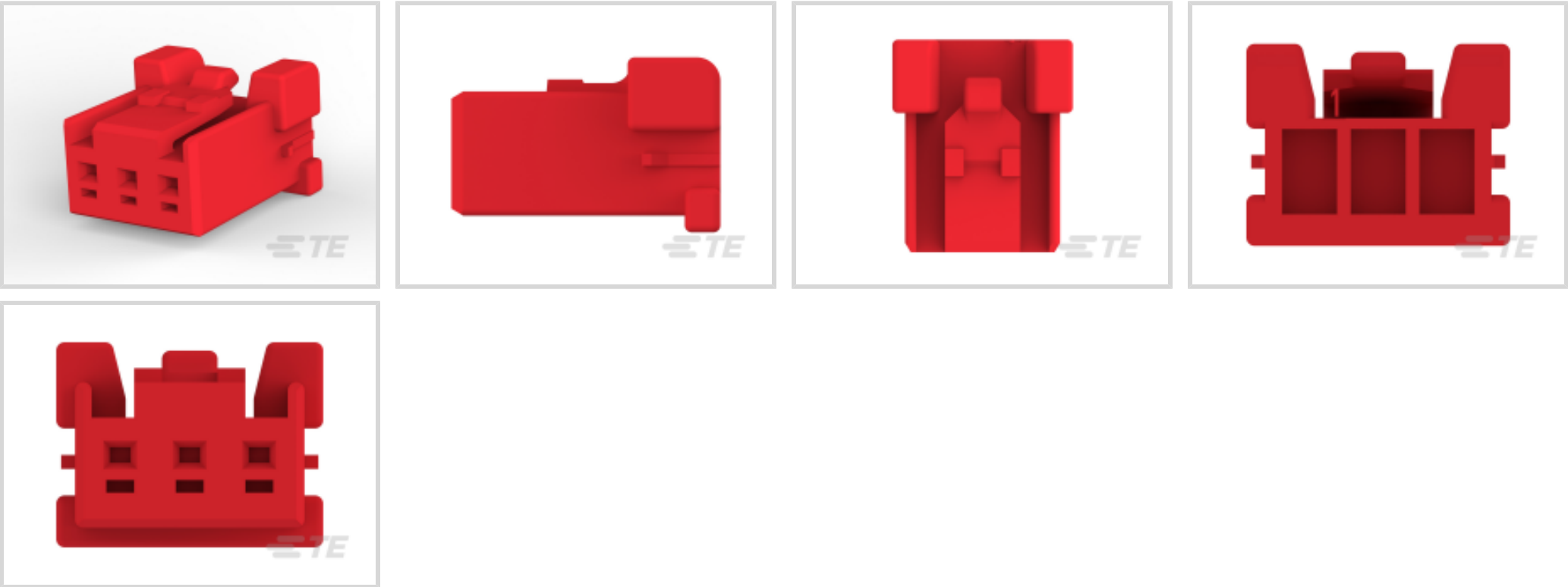


GRACE INERTIA 2.5

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 Cavities	3
Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VAC
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Contact Features

Contact Layout	Inline
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Contact Type	Socket
Mechanical Attachment	
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Color	Red
Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	Nylon 66 GF
Dimensions	
Connector Height	11.3 mm[.445 in]
Product Width	7.1 mm[.279 in]
Product Length	9.6 mm[.378 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
Packaging Features	
Packaging Quantity	800
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	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

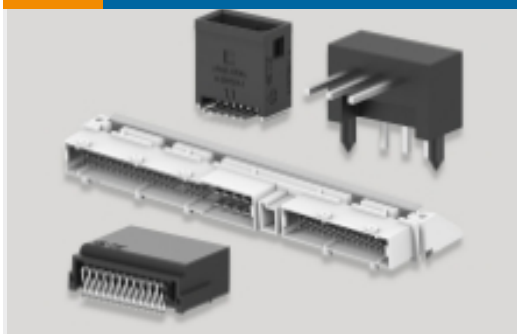
Also in the Series | GRACE INERTIA 2.5



Connector Contacts(6)



Connector Hardware(7)



PCB Headers & Receptacles(138)



Rectangular Connector Housings(49)



Rectangular Power Connectors(35)

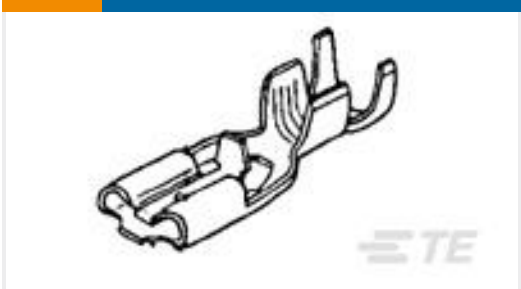


Wire-to-Board Connector Assemblies & Housings(46)

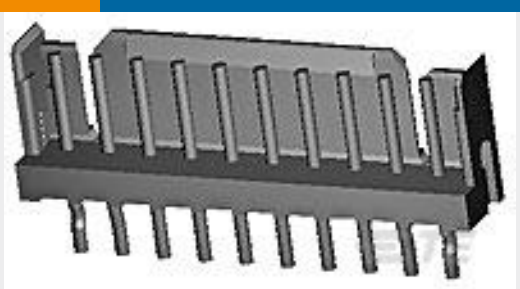
Customers Also Bought



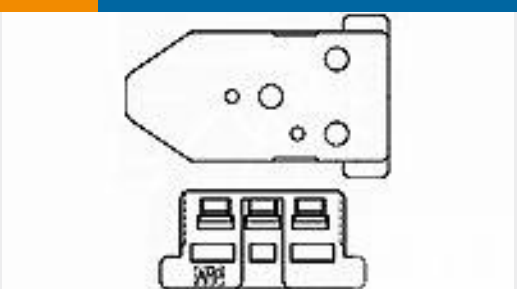
TE Part #179464-1
POWER DBL LOCK CAP HSG F/H 3P



TE Part #170326-5
187 PL MKII REC. 18-14AWG PTPB



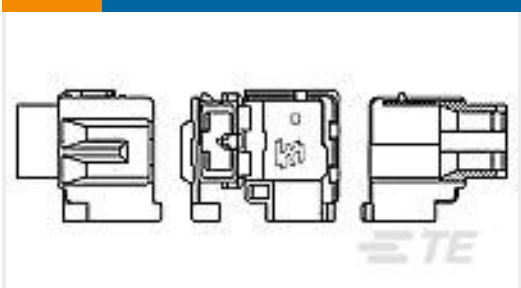
TE Part #2-292161-2
CT P/HDR ASSY V 2P W/KINK BLUE



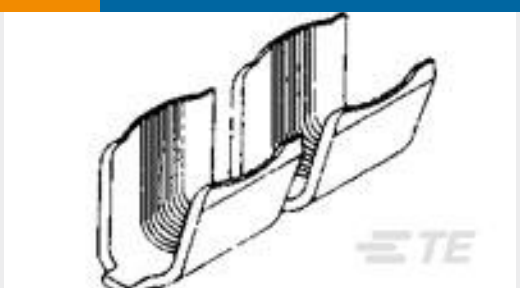
TE Part #316293-1
3.2 CLUSTER BLOCK HSG NATURAL



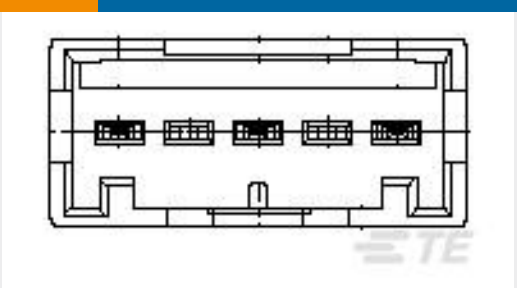
TE Part #1376477-4
2.5MM PITCH SIGNAL MATE CONN



TE Part #2013799-1
250 HSG. PL EX REC. BLACK



TE Part #280002-1
AMPLIVAR SPLICE



TE Part #2013485-1
GIC 2.5 HDR ASSY TIN VERSION 3/5P

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

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[Product Specifications](#)

[Application Specification](#)

English