1-1747066-3 ✔ ACTIVE

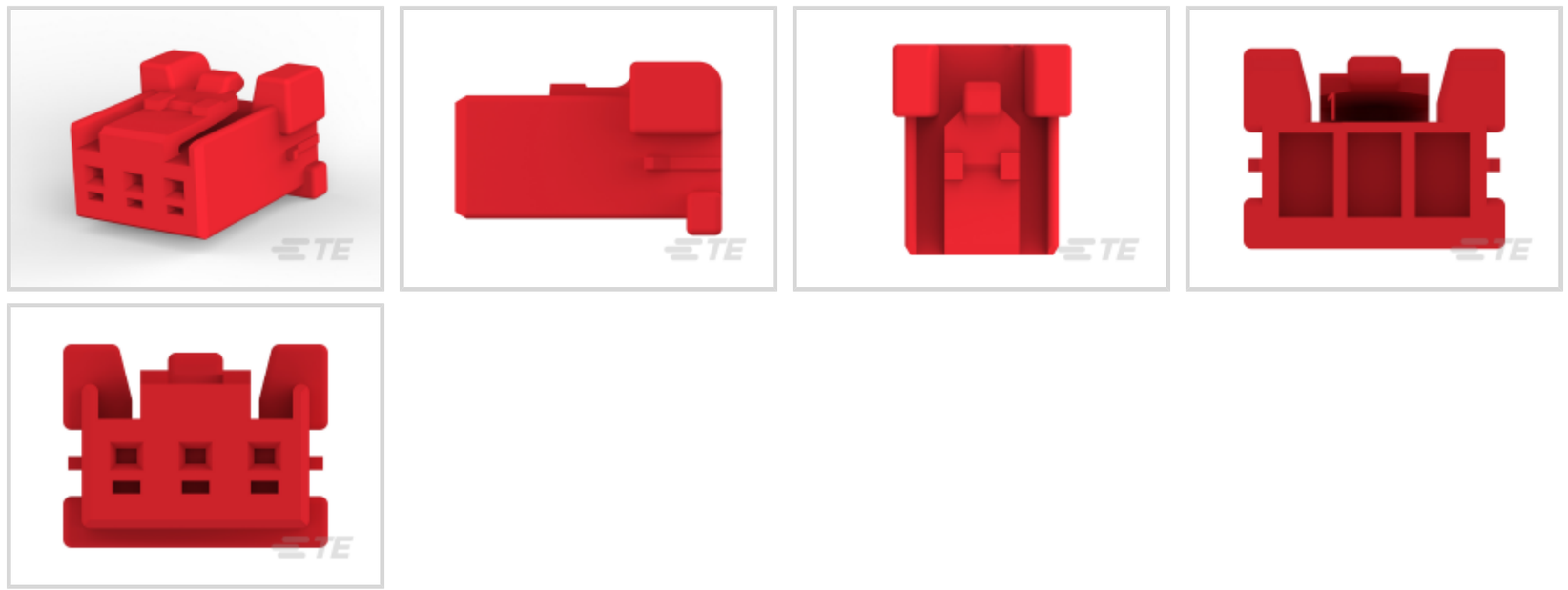
GRACE INERTIA | GRACE INERTIA 2.5

TE Internal #: 1-1747066-3

3 Position, Plug, Housing, Wire-to-Board, 2.5 mm [.098 in] Centerline, 1 Row, 50 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-Board**

Number of Positions: **3**

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-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VAC

Body Features

Primary Product Color	Red

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	Nylon 66 GF

Dimensions

Connector Width	7.1 mm[.279 in]
Connector Height	11.3 mm[.445 in]
Connector 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 Method	Bag
Packaging Quantity	800

Product Compliance

For compliance documentation, visit the product page on TE.com>

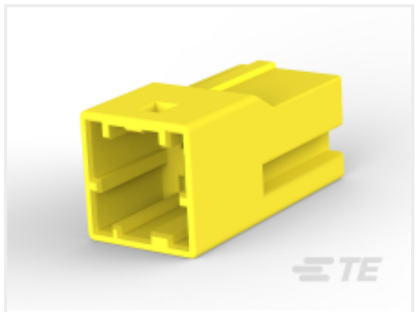
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does 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 # CAT-G7534A-C1701
STD Temp Sig GRACE INERTIA Cap



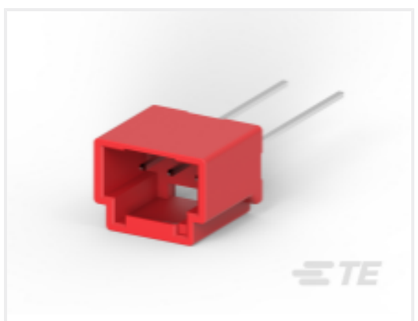
TE Part # CAT-G7534A-P729
STD Temp Sig GRACE INERTIA Plug



TE Part # 1903392-1
GIC 2.5 W CAP HSG 3P NATURAL



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

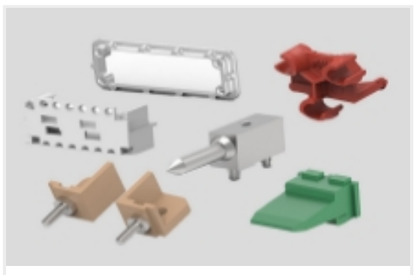


TE Part # 3-2232546-3
GI2.5 HDR ASS 3P RED NO BOSS TAPE

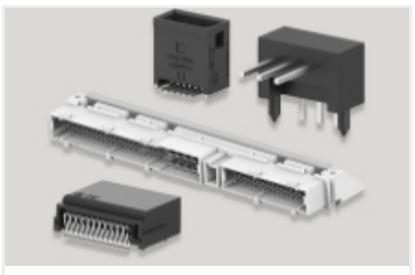
Also in the Series | GRACE INERTIA 2.5



Connector Contacts(6)



Connector Hardware(7)



PCB Headers & Receptacles(173)



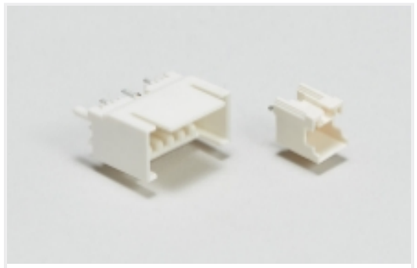
Power Contacts(2)



Rectangular Power Connectors(44)



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



Wire-to-Board Headers & Receptacles (173)

Customers Also Bought



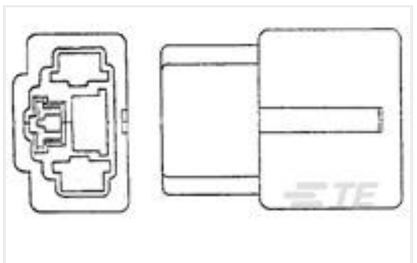
TE Part #170340-3
FF 250 TAB 20-14AWG PTBR WITHOUT LATCH



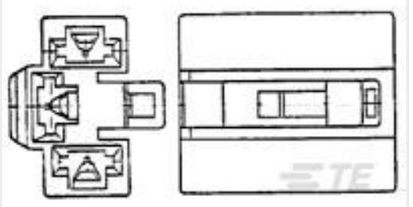
TE Part #175024-1
250 PL EX REC. 15-10AWG PTBR



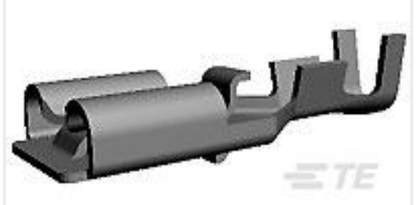
TE Part #1-176497-1
250 HSG. PL EX FLAG REC. NAT



TE Part #176773-5
FF 250 CAP HSG 3P NYLON NAT



TE Part #176774-5
FF 250 PLUG HSG 3P NYLON NAT



TE Part #179975-1
250 PL EX REC. 15-10AWG PTBR



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



TE Part #2-1747066-4
GRACE INERTIA CONN 2.5 PLUG HSG 4P BLUE



TE Part #1747591-1
GRACE INERTIA CONN 2.5 REC CONTACT



TE Part #2232905-1
EP 2.5 LIF RCPT CONTACT, 26-22 AWG

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