2-1747066-3 ✔ ACTIVE

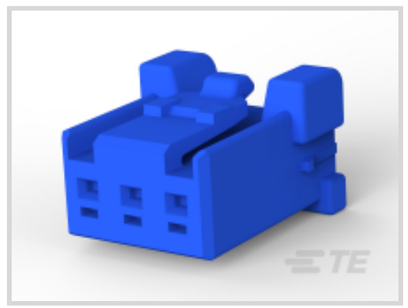
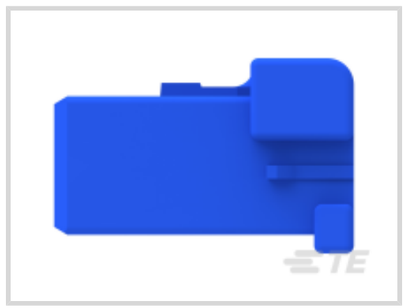
GRACE INERTIA | GRACE INERTIA 2.5

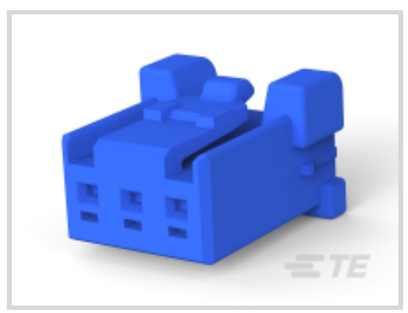
TE Internal #: 2-1747066-3

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

Centerline (Pitch): **2.5 mm [.098 in]**

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 VDC

Body Features

Primary Product Color	Blue

Contact Features

Contact Layout	Inline
Contact Base Material	Copper Alloy
Contact Type	Pin

Termination Features

Termination Method to Wire & Cable	Crimp

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]

Dimensions

Connector Height	7.35 mm[.289 in]
Connector Length	9.6 mm[.377 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

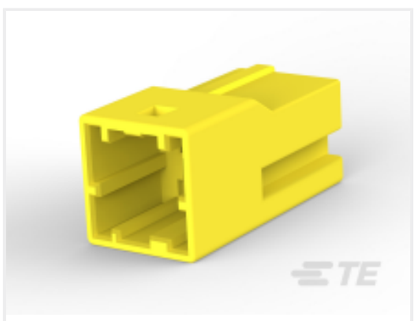
Product Compliance Disclaimer

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 # 1871845-3
GIC 2.5 ON TAPE HDR TIN VERSION 3P



TE Part # CAT-G7534A-C1701
STD Temp Sig GRACE INERTIA Cap



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

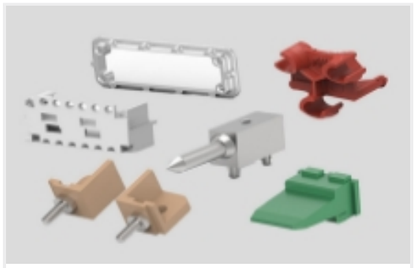


TE Part # 1747063-1
GRACE INERTIA CONN 2.5 REC CON

Also in the Series | GRACE INERTIA 2.5



Connector Contacts(6)



Connector Hardware(7)



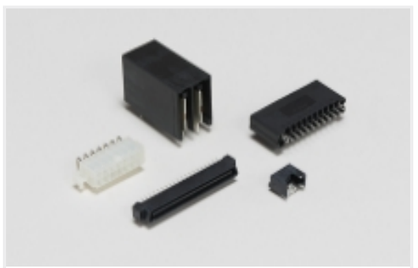
Power Contacts(2)



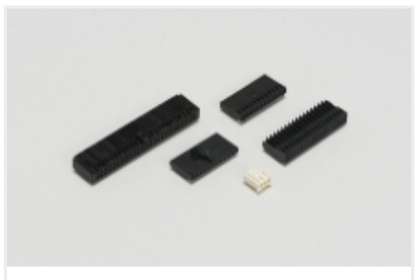
Rectangular Connector Housings(69)



Rectangular Power Connectors(20)



Standard Rectangular Connectors(69)



Wire-to-Board Connector Assemblies & Housings(27)

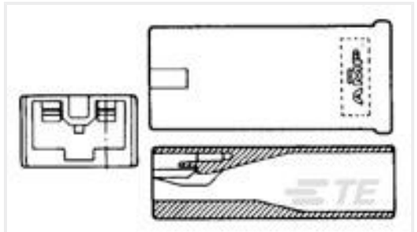
Customers Also Bought



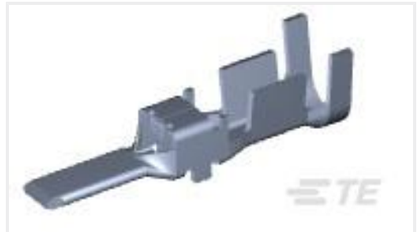
TE Part #175057-2
250 PL EX FLAG REC. 18-12AWG PTBR



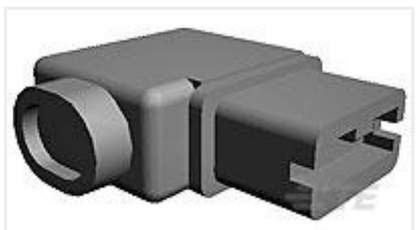
TE Part #1747066-2
GRACE INERTIA CONN 2.5 PLUG HSG 2P NATUR



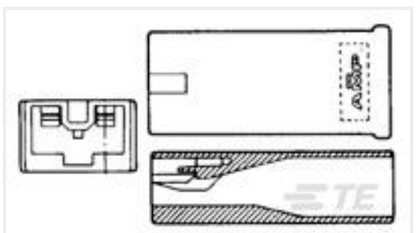
TE Part #179970-2
PL EXII 250 REC HSG 1P NYLON RED



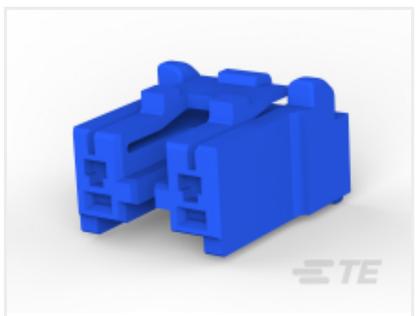
TE Part #1746974-1
GRACE INERTIA CONNECTOR 6.2 MM PITCH TAB



TE Part #1717268-1
PL EX 250 INSULATED FLAG REC PVC V-0



TE Part #179970-4
PL EXII 250 REC HSG 1P NYLON YELLOW



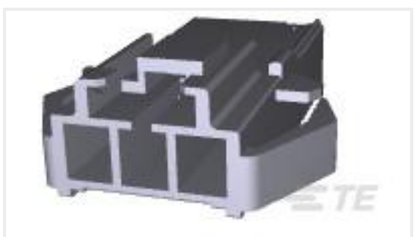
TE Part #1747050-3
GIC7.92 2POS PLUG HSG.BLUE



TE Part #1747066-5
GRACE INERTIA CONN 2.5 PLUG HSG 5P NATUR



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



TE Part #176293-4
UNIV POWER CAP HSG 3P P/MOUNT

Documents

Product Drawings

GRACE INERTIA CONN 2.5 PLUG HSG 3P BLUE

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-1747066-3_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1747066-3_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1747066-3_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