3-1971794-1 ✔ ACTIVE

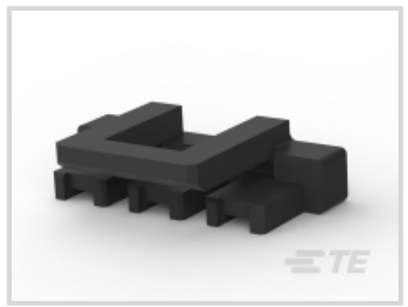
Grace Inertia | GRACE INERTIA 2.5

TE Internal #: 3-1971794-1

GRACE INERTIA 2.5, PCB Latches, Locks & Retainers, TPA (True Position Assurance), Wire-to-Board, 3 Position, 2.5mm [.098in] Centerline, Wire & Cable

View on TE.com >

Connectors > PCB Connectors > PCB Connector Accessories > PCB Connector Hardware > PCB Latches, Locks & Retainers







Connector & Contact Retention Accessory Type: **TPA (True Position Assurance)**

Connector System: **Wire-to-Board**

Number of Positions: **3**

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

Connector & Contact Terminates To: **Wire & Cable**

Features

Product Type Features

Connector & Contact Retention Accessory Type	TPA (True Position Assurance)
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	3
Number of Rows	1

Body Features

Primary Product Material	PA 66 GF20
Primary Product Color	Black

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]

Usage Conditions

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

Industry Standards

Glow Wire Rating	Glow Wire

Packaging Features

Packaging Quantity	7200
Packaging Method	Bag

Product Compliance

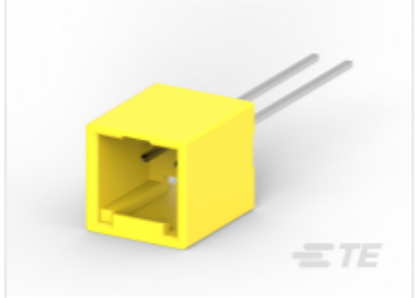
For compliance documentation, visit the product page on TE.com>

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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

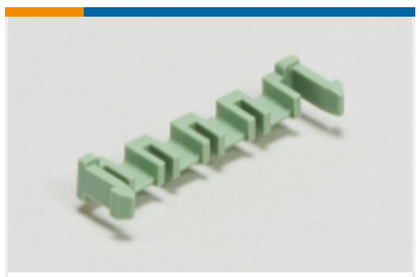


TE Part # CAT-G7534A-H342
STD Temp Sig GRACE INERTIA Header

Also in the Series | GRACE INERTIA 2.5



Connector Contacts(2)



PCB Latches, Locks & Retainers(5)



Rectangular Connector Housings(49)



Rectangular Connector Locking(2)



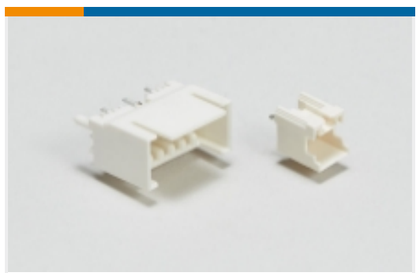
Rectangular Power Connectors(36)



Wire-to-Board Connector Assemblies & Housings(69)

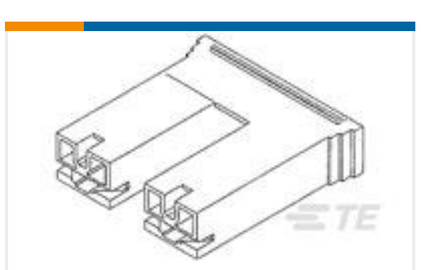


Wire-to-Board Connector Contacts(4)

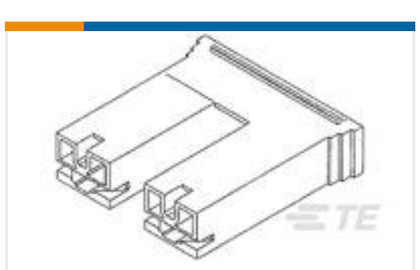


Wire-to-Board Headers & Receptacles (138)

Customers Also Bought



TE Part #1-520935-2
PL 250 HOUSING REC RED 6/6 NYLON V2



TE Part #1-520935-1
250 HSG. PL MKII REC. 15.11mm 2P NAT



TE Part #173063-2
ECONOSEAL, CONNECTOR HOUSING



TE Part #1534160-1
AMP MCP, RECEPTACLE AND TAB



TE Part #936292-2
MULTILOCK, CONNECTOR HOUSING



TE Part #1-2232892-4
4P MONOPLUG 2.5



TE Part #1534072-2
MULTIF.ASSY MK2 2POS,AR



TE Part #1-2232892-0
10P MONOPLUG 2.5



TE Part #1-2323743-0
HOUSING, PLUG, GWT, 10P, DUAL ROW, EP2.5



TE Part #1-61795-0
RING 18-14 105-145 #10 025TPBR

Documents

Product Drawings

NEW GI CONN2.5 TPA 3P BLACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1971794-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1971794-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1971794-1_B.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

Product Environmental Compliance

TE Material Declaration

English