2-1971794-1 ✔ ACTIVE

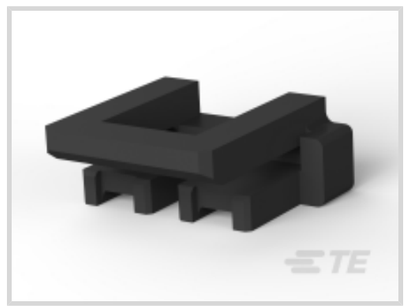
GRACE INERTIA | GRACE INERTIA 2.5

TE Internal #: 2-1971794-1

TPA (True Position Assurance), Black, PA 66 GF20, 2 Position, GRACE INERTIA 2.5

View on TE.com >

Connectors > Connector Accessories > Connector Hardware







Hardware Accessory Function: **Position Assurance**

Connector Hardware Accessory Type: **TPA (True Position Assurance)**

Primary Product Color: **Black**

Primary Product Material: **PA 66 GF20**

Number of Positions: **2**

Features

Product Type Features

Hardware Accessory Function	Position Assurance
Connector Hardware Accessory Type	TPA (True Position Assurance)

Configuration Features

Number of Rows	1
Number of Positions	2

Body Features

Primary Product Color	Black
Primary Product Material	PA 66 GF20

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]

Usage Conditions

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

Packaging Features

Packaging Method	Bag
Packaging Quantity	9600

Product Compliance

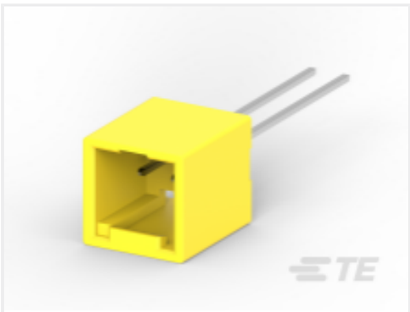
For compliance documentation, visit the product page on TE.com>

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 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

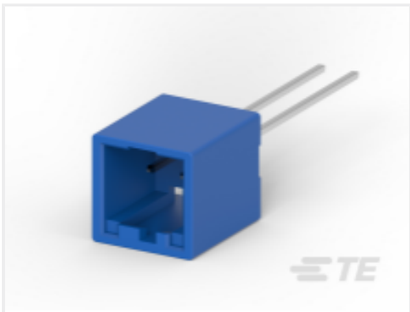
Compatible Parts



TE Part # 2-2232546-4
GI2.5 HDR ASS 2P YEL NO BOSS TAPE



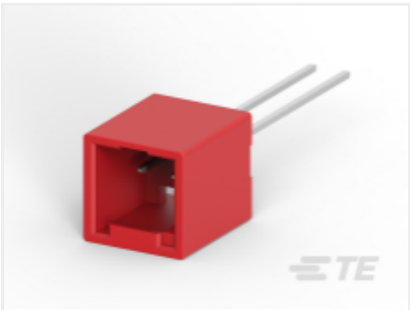
TE Part # 2-2232546-5
GI2.5 HDR ASS 2P BLK NO BOSS TAPE



TE Part # 2-2232546-2
GI2.5 HDR ASS 2P BL NO BOSS TAPE



TE Part # 2-2232546-1
GI2.5 HDR ASS 2P NC NO BOSS TAPE



TE Part # 2-2232546-3
GI2.5 HDR ASS 2P RED NO BOSS TAPE

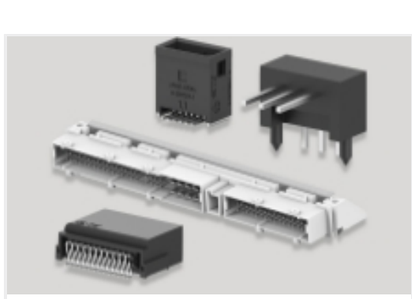
Also in the Series | GRACE INERTIA 2.5



Connector Contacts(6)



Connector Hardware(7)



PCB Headers & Receptacles(173)



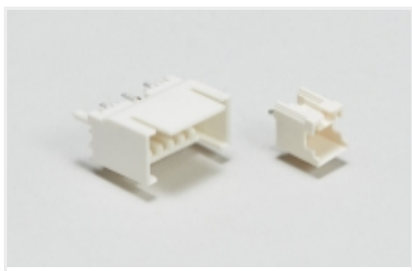
Power Contacts(2)



Rectangular Power Connectors(44)



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



Wire-to-Board Headers & Receptacles (173)

Customers Also Bought



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



TE Part #177921-1
POWER D/LOCK PLATE 5P NATURAL



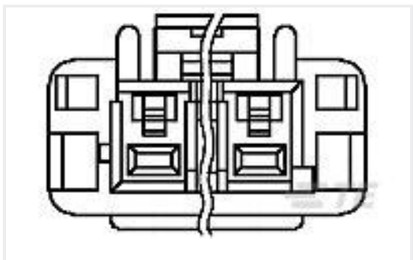
TE Part #917690-1
2.5 SIGNAL D/LOCK PLUG HSG 6P



TE Part #964203-1
STD PW TIMER CONTACT



TE Part #5-1241965-4
STD TIMER PLUG HSG 4P W/EXT. LOCKING



TE Part #1376389-1
5MM POWER KEY 3P PLUG HSG NUT



TE Part #CAT-P8704-T669
Power Key TPA



TE Part #1747995-1
GHC EYELET 6.2 3POS PLUG HOUSING NATURAL



TE Part #2232901-1
AMP POWER DBL LOCK REC (L)

Documents

Product Drawings

NEW GI CONN2.5 TPA 2P BLACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1971794-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1971794-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1971794-1_B.3d_stp.zip

English

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Product Specifications

Product Specification

English