



GRACE INERTIA 2.5

TE Internal #: 3-1971794-1

TPA (True Position Assurance), Black, PA 66 GF20, 3 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: **3**

Features

Product Type Features

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

Body Features

Primary Product Color	Black
Primary Product Material	PA 66 GF20

Configuration Features

Number of Positions	3
Number of Rows	1

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant



Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
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Industry Standards

Glow Wire Rating	Glow Wire
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Packaging Features

Packaging Method	Bag
Packaging Quantity	7200

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	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 # 3-2232546-1
GI2.5 HDR ASS 3P NC NO BOSS TAPE

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

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

TE Part # 3-2232546-4
GI2.5 HDR ASS 3P YEL NO BOSS TAPE

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

Also in the Series | GRACE INERTIA 2.5

Connector Contacts(6)

Connector Hardware(7)

PCB Headers & Receptacles(173)

Rectangular Connector Housings(49)

Wire-to-Board Connector Assemblies & Housings(47)

Customers Also Bought

TE Part #177908-1
POWER DBL LOCK CAP HSG P/M 4P

TE Part #368576-1
PDL 6P PLUG 3.96 D/R(GWT) NAT

TE Part #316768-1
POWER DBL LOCK PLUG HSG 1P

TE Part #1971600-1
POWER DBL LOCK CAP HSG 8P(GWT)



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

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

TE Part #280232-8
250 FASTON POST INS.,REC.,1 POS,
NATURAL

TE Part #1-1744544-1
EP II TPA 11P, BLACK

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

TE Part #5-1241961-7
STD TIMER PLUG HSG 3P MK2

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

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Product Specifications

Product Specification

English