

6-1971794-1 ✓ ACTIVE

GRACE INERTIA | GRACE INERTIA 2.5

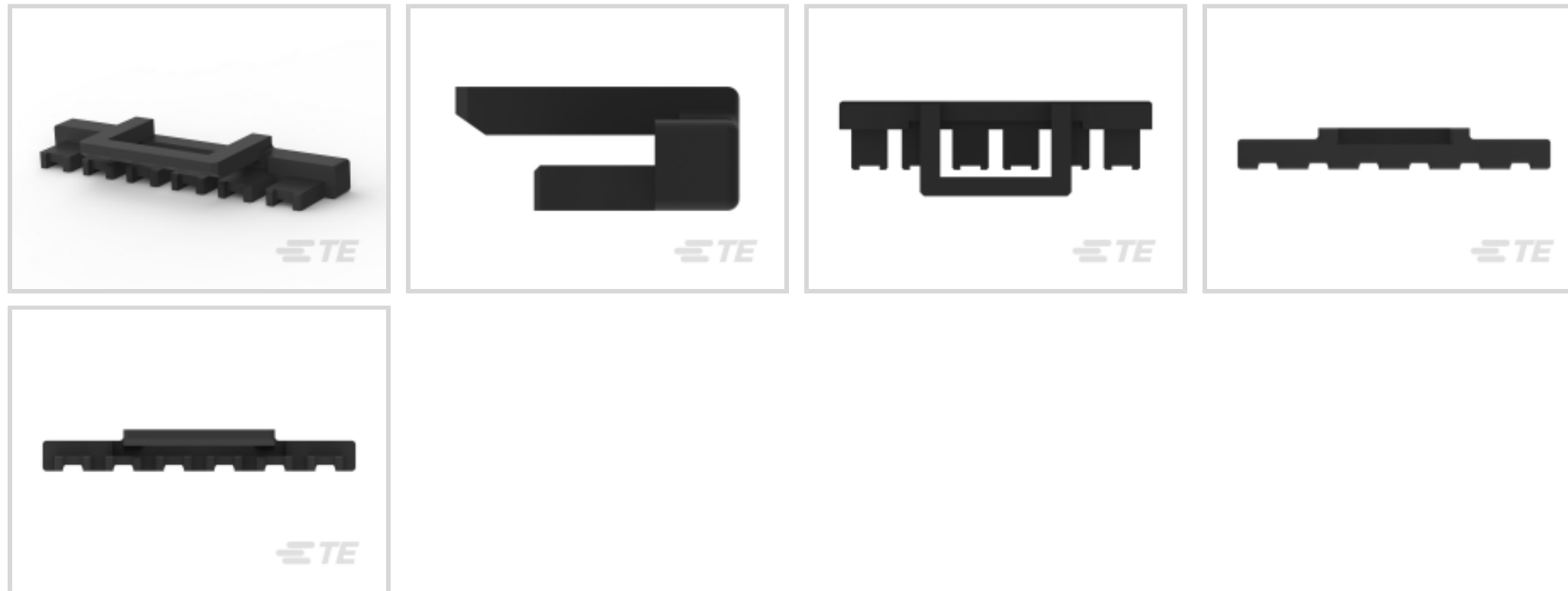
TE Internal #: 6-1971794-1

TPA (True Position Assurance), Black, PA 66 GF20, 6 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: **6**

## 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	6

### Body Features

Primary Product Color	Black
Primary Product Material	PA 66 GF20

### Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
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### Usage Conditions

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

### Industry Standards



Glow Wire Rating	Glow Wire
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**Packaging Features**

Packaging Method	Bag
Packaging Quantity	4500

**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	有害物质含量符合标准要求 No Restricted Substance(s) 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

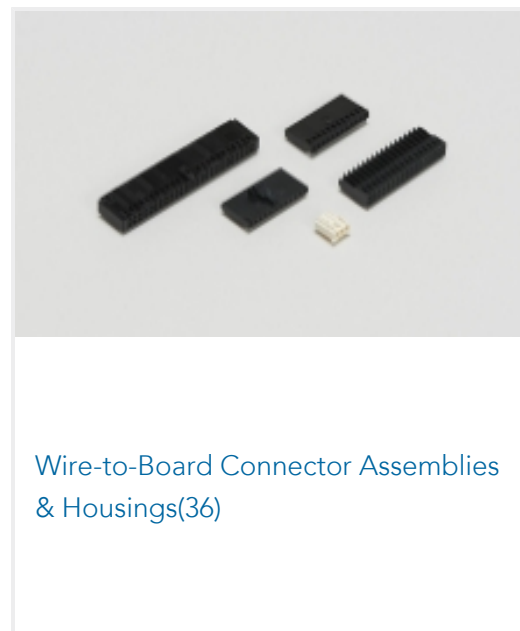
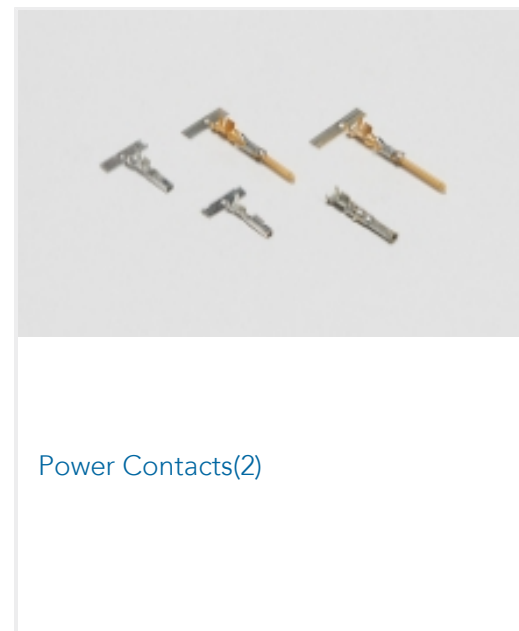
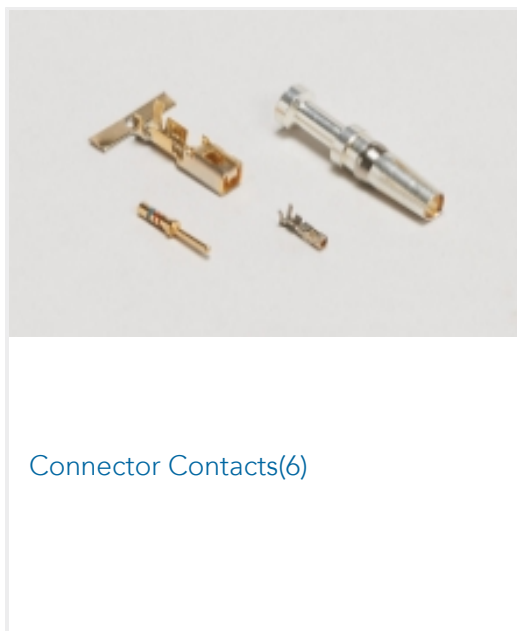
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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**





### Also in the Series | GRACE INERTIA 2.5



### Customers Also Bought





## Documents

### Product Drawings

[NEW GI CONN2.5 TPA 6P BLACK](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_6-1971794-1\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-1971794-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-1971794-1\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[Product Specification](#)

English