

2-1971794-1 ✓ ACTIVE

## GRACE INERTIA 2.5

TE Internal #: 2-1971794-1

PCB Latches, Locks & Retainers, TPA (True Position Assurance),  
Wire-to-Board, 2 Position, .098 in [2.5 mm] Centerline, Wire &  
Cable, GRACE INERTIA 2.5

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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: **2**

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	2
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]
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#### Usage Conditions

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

Packaging Quantity	9600
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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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>

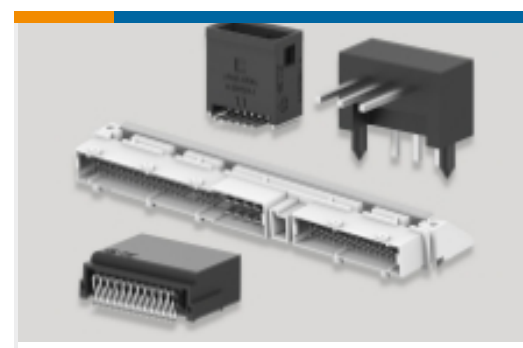
### Compatible Parts



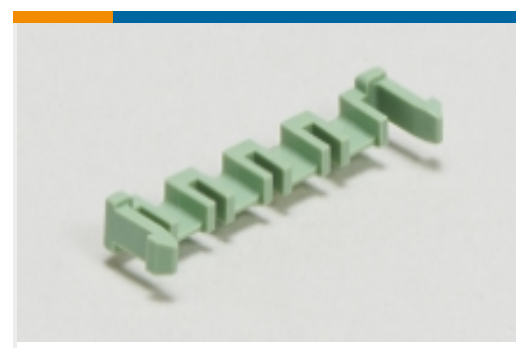
Also in the Series | [GRACE INERTIA 2.5](#)



Connector Contacts(2)



PCB Headers &amp; Receptacles(138)



PCB Latches, Locks &amp; Retainers(5)



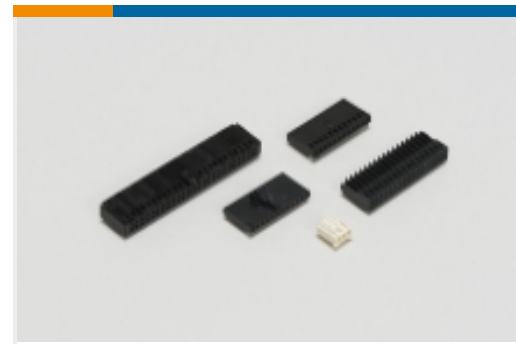
Rectangular Connector Housings(49)



Rectangular Connector Locking(2)



Rectangular Power Connectors(35)



Wire-to-Board Connector Assemblies &amp; Housings(72)



Wire-to-Board Connector Contacts(5)

## 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

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