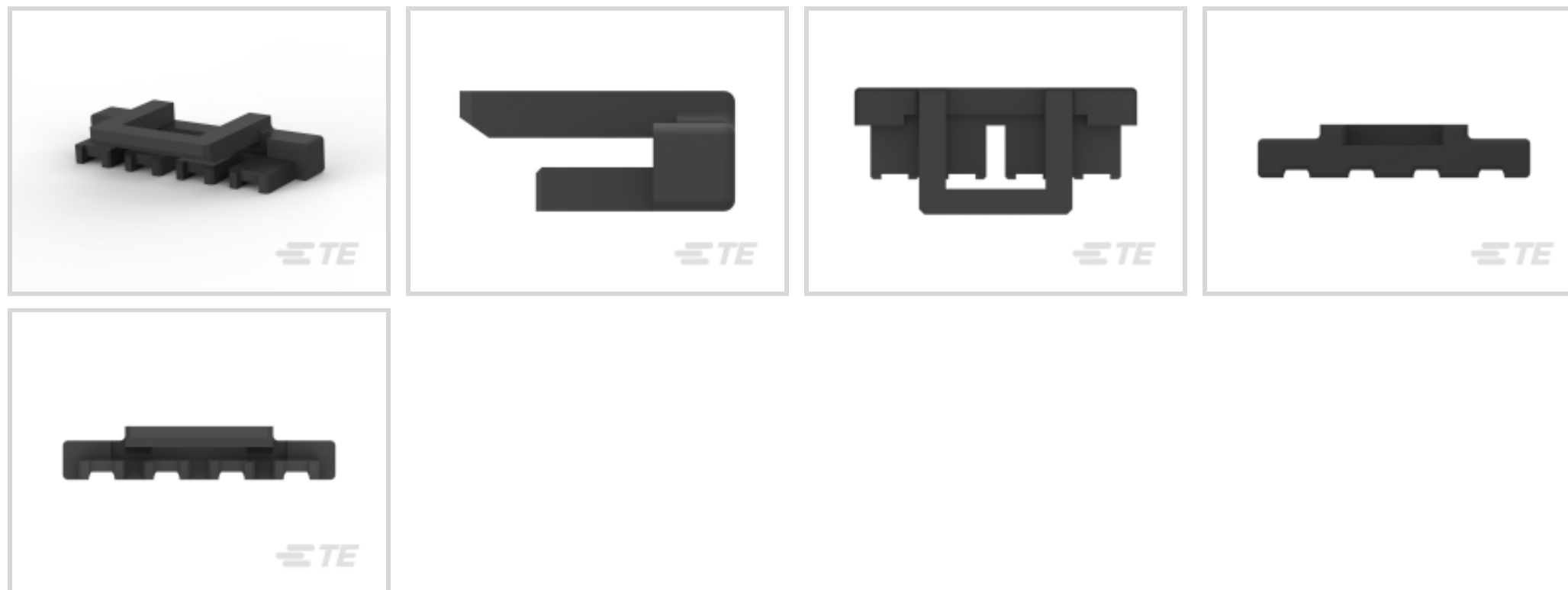




Connectors > Connector Accessories > Connector Hardware > Glow Wire Sig GRACE INERTIA TPA



Hardware Accessory Function: **Position Assurance**

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

Operating Temperature (Max): **105 °C [ 221 °F ]**

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

[All Glow Wire Sig GRACE INERTIA TPA \(2\)](#)

## Features

### Product Type Features

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

### Usage Conditions

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

### Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

## 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>

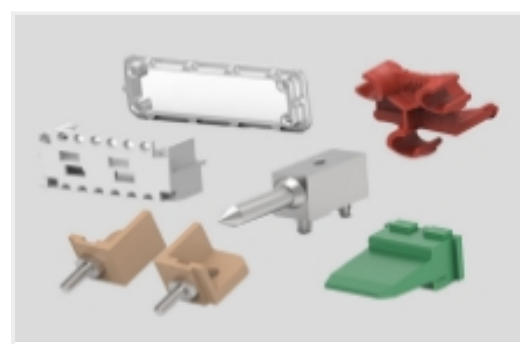
### Compatible Parts



Also in the Series | **GRACE INERTIA 2.5**



Connector Contacts(6)



Connector Hardware(7)



Power Contacts(2)



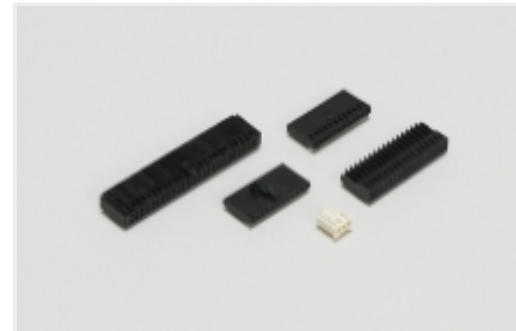
Rectangular Connector Housings(96)



Rectangular Power Connectors(44)



Standard Rectangular Connectors(96)



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

## Customers Also Bought



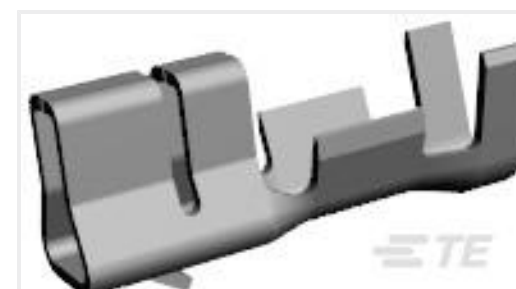
TE Part #DTM04-4P-E005  
REC, 4P, BLK, N, CAP



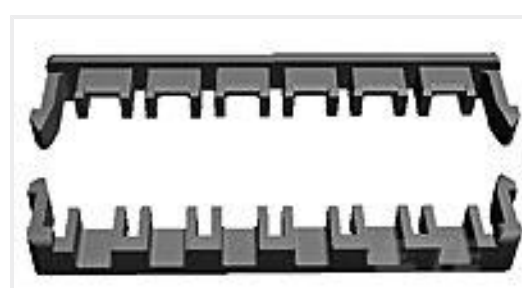
TE Part #794185-1  
02P MINI UMN2 CAP HSG UL94V0



TE Part #1-794218-0  
MINI UMN2 PIN 26-22AWG AU LF



TE Part #917684-1  
2.5 SIGNAL DBL LOCK REC CONT M



TE Part #1376394-1  
5MM POWER KEY D/L PLATE GREEN



TE Part #4-1971793-4  
NEW GI CONN2.5 PLUG HSG 4P YLW



TE Part #1971795-1  
NEW GI CONN2.5 REC. CONTACT



TE Part #CAT-P87024-R2435  
Power Double Lock Receptacle



TE Part #2825340-1  
PDL 2P PLUG HSG 3.96MM (GWT)

## Documents



## Product Drawings

### NEW GI CONN2.5 TPA 4P BLACK

English

---

## CAD Files

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_4-1971794-1\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_4-1971794-1\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_4-1971794-1\\_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