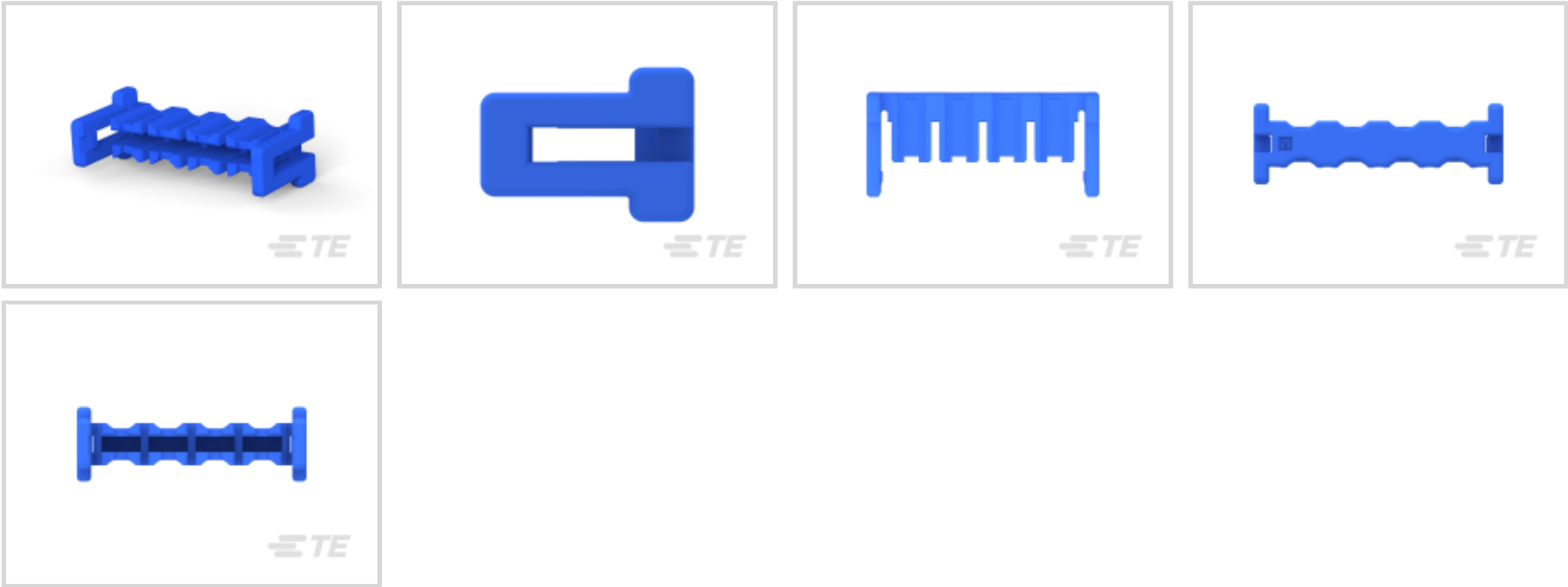




Connectors > Connector Accessories > Connector Hardware



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

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

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

Hardware Accessory Function: **Position Assurance**

Features

Product Type Features

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

Usage Conditions

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

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

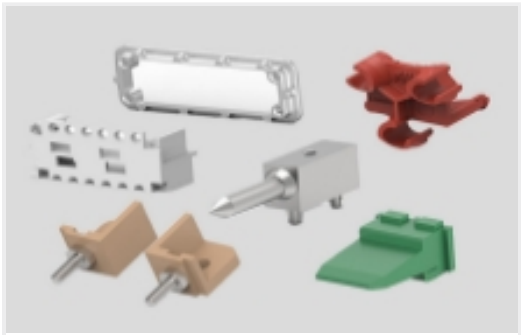
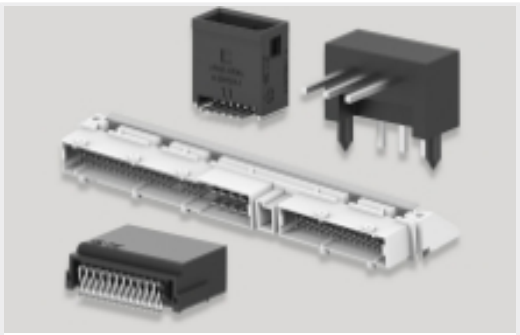
Product Compliance Disclaimer

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 # CAT-G7534-T669 GRACE INERTIA TPA	 TE Part # 2-1971904-3 TPA 6POS,NEW GIC3.3	 TE Part # 2-1971904-6 TPA 12POS,NEW GIC3.3	 TE Part # 2-1971904-7 TPA 14POS,NEW GIC3.3
 TE Part # 2-1971904-2 TPA 4POS,NEW GIC3.3	 TE Part # 2-1971904-5 TPA 10POS,NEW GIC3.3	 TE Part # 4-1971904-2 TPA 4POS,NEW GIC3.3	 TE Part # 4-1971904-3 TPA 6POS,YELLOW,NEW GIC3.3

Also in the Series | GRACE INERTIA 3.3

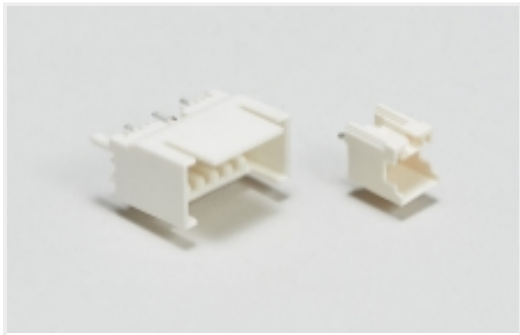
 Connector Contacts(3)	 Connector Hardware(15)	 PCB Headers & Receptacles(36)	 Power Contacts(3)
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[Rectangular Connector Housings\(34\)](#)



[Rectangular Power Connectors\(70\)](#)

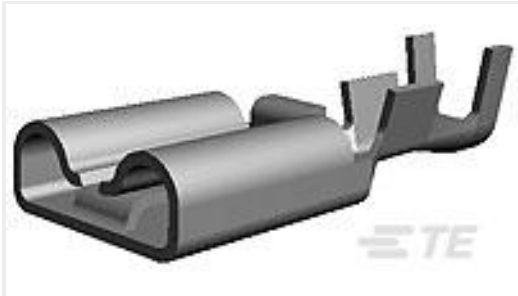


[Wire-to-Board Headers & Receptacles \(36\)](#)

Customers Also Bought



TE Part #1744416-3
[3 POS EP II HSG, GLOW WIRE](#)



TE Part #175020-1
[250 PL EX REC. 22-18AWG PTBR](#)



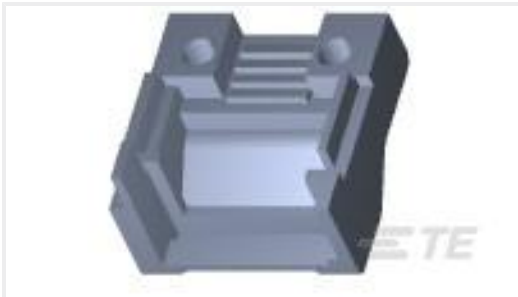
TE Part #170213-2
[250 FASTON,REC.,18-14 AWG,TPBR](#)



TE Part #2174065-4
[REC. CONT. FMG. M-MOTOR PLUS](#)



TE Part #1744144-1
[EP-II CONTACT LANCELESS, 22-18](#)



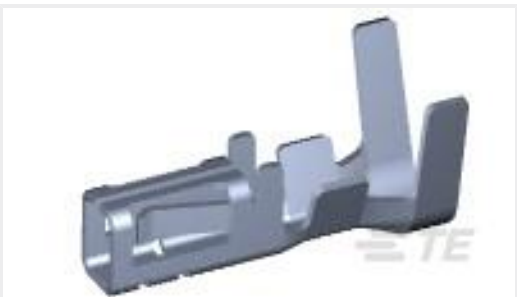
TE Part #316454-1
[M-U-M-N-L PLUG CABLE CLAMP](#)



TE Part #2-1971905-4
[PLUG HOUSING 8POS,KEYING-B, NEW GIC3.3](#)



TE Part #2174054-1
[ENC. CBL I/O KIT 100SET , M-MOTOR PLUS](#)



TE Part #1983780-1
[NG GIC 3.3 REC CONTACT TIN PLATE](#)



TE Part #1376388-2
[5MM POWER KEY 2P PLUG HSG NUT \(W/O GF\)](#)

Documents

Product Drawings

[TPA 8POS,NEW GIC3.3](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-1971904-4_C.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_2-1971904-4_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1971904-4_C.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