



Connectors > Connector Accessories > Connector Hardware



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]**

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]

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 2-1971904-6 TPA 12POS,NEW GIC3.3	 TE Part # 2-1971904-2 TPA 4POS,NEW GIC3.3	 TE Part # 2-1971904-4 TPA 8POS,NEW GIC3.3
 TE Part # 2-1971904-5 TPA 10POS,NEW GIC3.3	 TE Part # 2-1971904-7 TPA 14POS,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)	 Rectangular Power Connectors(69)
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Customers Also Bought





TE Part # 177899-6
STD Temp Power Double Lock Plug



TE Part # 1565079-1
GRACE INERTIA 3.5 REC CONTACT(L)



TE Part # 173722-1
187 PL EX REC. 26-20AWG PTBR



TE Part # 179975-1
250 PL EX REC. 15-10AWG PTBR



TE Part # 1969588-3
HSG, REC, FREE-HANGING, SINGLE ROW,EP2.5



TE Part # 3-1376392-5
5MM POWER KEY 4P PLUG 2ROW YEL



TE Part # 1-172210-1
187 HSG. PL MKII REC. 6mm 2P NAT



TE Part # 1939581-1
250 HSG. PL EX REC. 15mm 2P NAT



TE Part # 2-1376388-4
5.0 PK CONN. 2P PLUG HSG (W/O GF) - BLUE

Documents

Product Drawings

TPA 6POS,NEW GIC3.3

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1971904-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1971904-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1971904-3_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