



Connectors > Connector Accessories > Connector Hardware



Hardware Accessory Function: **Position Assurance**
Connector Hardware Accessory Type: **TPA (Terminal Position Assurance)**
Primary Product Color: **Natural**
Primary Product Material: **Glass-Filled PBT**
Number of Positions: **3**

Features

Product Type Features

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

Configuration Features

Number of Positions	3
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Body Features

Primary Product Color	Natural
Primary Product Material	Glass-Filled PBT

Usage Conditions

Operating Temperature (Max)	140 °C[284 °F]
Operating Temperature Range	-55 – 140 °C[-67 – 284 °F]

Industry Standards

Glow Wire Rating	Hot Wire Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features



Packaging Quantity	2500
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 1-2232356-6
PTL 3X3 CAP PANEL MT HOT WIRE
KEY A BLK



TE Part # 1-2232357-6
PTL 3X3 PLUG HSG HOT WIRE KEY A
BLK

Also in the Series | Power Triple Lock



Connector Contacts(26)

Connector Hardware(12)

Insertion & Extraction Tools(1)

Rectangular Power Connectors(301)

Customers Also Bought

TE Part #1-1633932-1
ANVIL, COMBINATION

TE Part #1-1803058-3
ANVIL COMBINATION

TE Part #1633609-3
CRIMPER, WIRE "F" .118

TE Part #1633963-6
CRIMPER INSULATION OVERLAP
PREMIUM

TE Part #1803059-8
ANVIL COMBINATION, END FEED

TE Part #1803922-1
ANVIL, WIRE, SPECIAL

TE Part #2-1633932-9
ANVIL, COMBINATION

TE Part #6-1803554-5
ANVIL, COMBINATION

TE Part #8-1803054-7
ANVIL, COMBINATION

TE Part #2-1633107-1
ANVIL, COMBINATION .062

Documents

Product Drawings
PTL TPA HWI 1 X 3 NATURAL
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2-1971777-3_B.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2-1971777-3_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1971777-3_B.3d_stp.zip](#)

English

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[Product Specifications](#)

[Application Specification](#)

English