



Connectors > Connector Accessories > Connector Hardware



Hardware Accessory Function: **Position Assurance**

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

Primary Product Color: **Black**

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

Operating Temperature Range: **-55 – 105 °C [-67 – 221 °F]**

Features

Product Type Features

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

Body Features

Primary Product Color	Black
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Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
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Dimensions

Product Width	9.6 mm[.377 in]
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Product Length	23.76 mm[.935 in]
Product Height	2.65 mm[.104 in]

Industry Standards

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

Packaging Features

Packaging Method	Bag
Packaging Quantity	480

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 applicable 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 # 1877285-6
06P EP SHRD HDR ASMY, WHITE

TE Part # 1744416-6
6 POS EP II HSG, GLOW WIRE

TE Part # 2132781-6
06P EP-II HOUSING, NATURAL

TE Part # 1-1123723-6
3.96 EP HDR ASSY 6P(NATURAL)

TE Part # 1744057-6
3.96 EP HDR ASSY 6P W/PEGS

TE Part # 647676-6
3.96 EP HDR ASSY 6P R/A

TE Part # 1744428-6
3.96 EP HDR ASSY 6P R/A, GW

TE Part # 1744429-6
3.96 EP HDR ASSY 6P W/PEGS, GW

TE Part # 1744489-6
3.96 EP HDR ASY 06P NO PEG, GW

TE Part # 1744427-6
EP Header Asy,Shrouded,6 Pos, GW

Also in the Series | Economy Power II

Connector Contacts(3)

Connector Hardware(10)

PCB Headers & Receptacles(2)

Rectangular Power Connectors(22)

Customers Also Bought

TE Part #1971786-1
PTL TAB CONTACT, 20 - 24 AWG

TE Part #1744417-3
3 POS EP 2.5 HSG, GLOW WIRE

TE Part #1744417-6
6 POS EP 2.5 HSG, GLOW WIRE

TE Part #1969443-7
EP 2.5 TPA Retainer, 7 Pos



TE Part #1969443-3
EP 2.5 TPA Retainer, 3 Pos



TE Part #1744416-9
9 POS EP II HSG, GLOW WIRE



TE Part #2-2338183-8
EP 2.5 HOUSING 8P, BLUE, UL version



TE Part #1-1744417-1
11 POS EP 2.5 HSG, GLOW WIRE



TE Part #2321928-2
TAB TERMINAL SDL2.5 WATERPROOF



TE Part #1-1969567-2
HOUSING, PLUG, GWT, DUAL ROW, EP2.5

Documents

Product Drawings

EP II TPA 06P, BLACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1744544-6_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1744544-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1744544-6_A.3d_stp.zip

English

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Datasheets & Catalog Pages

Economy Power II (EP II) Glow Wire test compliant connectors

English

1-1773885-9 Economy Power Connectors

English

7-1773458-5_ECONOMY_POWER_QRG

English

Product Specifications



Application Specification

English

Application Specification

English

Agency Approvals

VDE Certificate

English