



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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Housing Features

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

Product Width	9.6 mm[.377 in]
Product Length	19.8 mm[.779 in]
Product Height	2.65 mm[.104 in]

Usage Conditions

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

Industry Standards

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

Packaging Features

Packaging Quantity	480
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: 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 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 # 1-1123723-5
3.96 EP HDR ASSY 5P(NATURAL)

TE Part # 2132781-5
05P EP-II HOUSING, NATURAL

TE Part # 1744416-5
5 POS EP II HSG, GLOW WIRE

TE Part # 1744428-5
3.96 EP HDR ASSY 5P R/A, GW

TE Part # 1877285-5
05P EP SHRD HDR ASMY, WHITE

TE Part # 647676-5
3.96 EP HDR ASSY 5P R/A

TE Part # 1744429-5
3.96 EP HDR ASSY 5P W/PEGS, GW

TE Part # 1744489-5
3.96 EP HDR ASY 05P NO PEG, GW

TE Part # 1744057-5
3.96 EP HDR ASSY 5P W/PEGS

TE Part # 1744427-5
EP Header Asy,Shrouded,5 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 # 177900-4
POWER DBL LOCK PLUG HSG 4P

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

TE Part # 794535-1
06P UMNL PLUG HSG 150C BLK

TE Part # 2132781-5
05P EP-II HOUSING, NATURAL



TE Part # 1-520935-2
PL 250 HOUSING REC RED 6/6
NYLON V2

TE Part # 176498-1
POSITIVE LOCK 187 (4.8 MM)
HOUSING

TE Part # 1-520935-1
250 HSG. PL MKII REC. 15.11mm 2P
NAT

TE Part # 8-1971772-4
PTL 1X4 CAP PANEL MT HITEMP KEY
D NAT

TE Part # 1969718-1
250 POS LOCK & STD HSG NAT

TE Part # 2-176498-6
187 HSG. PL MKII REC. 15mm 2P BLUE

Documents

Product Drawings
EP II TPA 05P, BLACK

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_1744544-5_A.2d_dxf.zip
English

Customer View Model
ENG_CVM_CVM_1744544-5_A.3d_igs.zip
English

Customer View Model
ENG_CVM_CVM_1744544-5_A.3d_stp.zip
English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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