



Connectors > Connector Accessories > Connector Hardware



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]**

Hardware Accessory Function: **Position Assurance**

Features

Product Type Features

Connector Hardware Accessory Type	TPA (Terminal Position Assurance)
Hardware Accessory Function	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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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: 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 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 # 1744427-5
EP Header Asy, Shrouded, 5 Pos, GW

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

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

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

TE Part # 1-1123723-5
3.96 EP HDR ASSY 5P(NATURAL)

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

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

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

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

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

Also in the Series | Economy Power II

Connector Contacts(3)

Connector Hardware(10)

PCB Headers & Receptacles(2)

Power Contacts(3)

Rectangular Connector Housings(22)

Rectangular Power Connectors(24)

Wire-to-Board Headers & Receptacles (2)

Customers Also Bought





TE Part #4-2176614-7
EP 10W (SS) 82R 5% BULK BOX



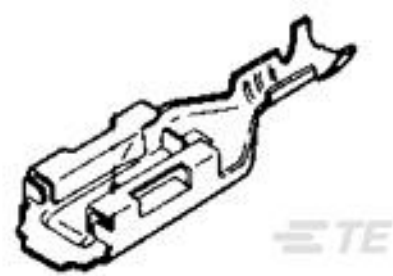
TE Part #1544603-1
1W 8MM NG1 SEALED CLIP ASSY
BLACK



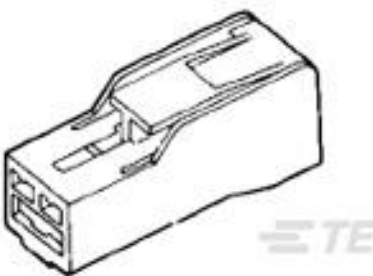
TE Part #2324579-8
HOUSING, PLUG, 8P, DUAL ROW,
EP2.5



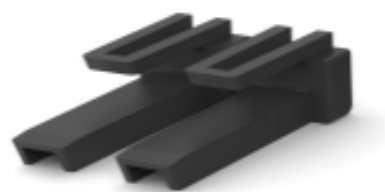
TE Part #2132781-5
05P EP-II HOUSING, NATURAL



TE Part #170456-2
PL 250 AM REC 12-10 0.40 X 21 PRE-
TPBR



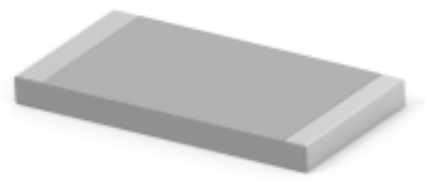
TE Part #172320-1
POSITIVE LOCK 250 (6.3 MM)
HOUSING



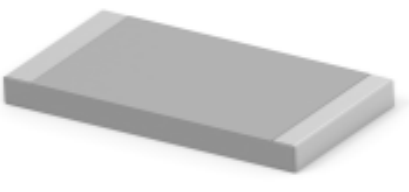
TE Part #1744544-2
EP II TPA 02P, BLACK



TE Part #1-2324579-2
HOUSING, PLUG, 12P,DUAL ROW,
EP2.5



TE Part #4-2176331-7
CRGP 2512 68K 1%



TE Part #4-2176331-3
CRGP 2512 33K 1%

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

Agency Approvals

VDE Certificate

English