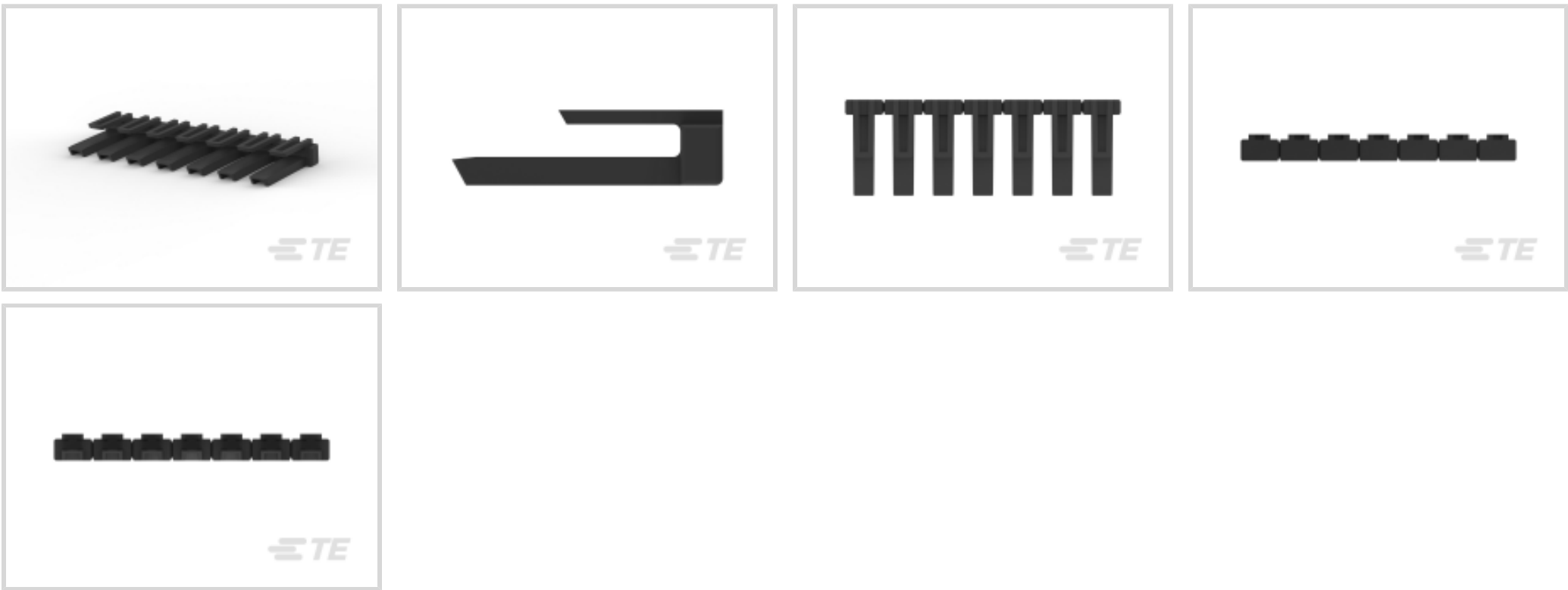




Connectors > Connector Accessories > Connector Hardware



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	27.72 mm[1.091 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	300
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 applicable for solder process capability

Product Compliance Disclaimer

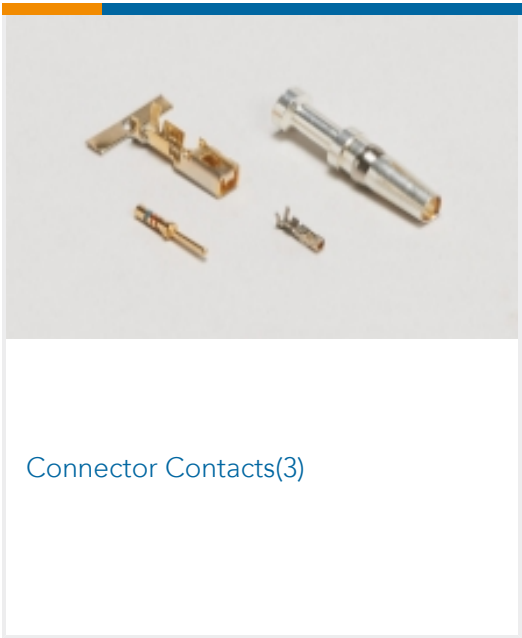
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1744416-7 7 POS EP II HSG, GLOW WIRE	 TE Part # 1-1123723-7 3.96 EP HDR ASSY 7P(NATURAL)	 TE Part # 1744429-7 3.96 EP HDR ASSY 7P W/PEGS, GW	 TE Part # 2132781-7 07P EP-II HOUSING, NATURAL
 TE Part # 1744489-7 3.96 EP HDR ASY 07P NO PEG, GW	 TE Part # 1877285-7 07P EP SHRD HDR ASMY, WHITE	 TE Part # 1744057-7 3.96 EP HDR ASSY 7P W/PEGS	 TE Part # 1744427-7 EP Header Asy,Shrouded,7 Pos, GW
 TE Part # 1744428-7 3.96 EP HDR ASSY 7P R/A, GW	 TE Part # 647676-7 3.96 EP HDR ASSY 7P R/A		

Also in the Series | Economy Power II

 Connector Contacts(3)	 Connector Hardware(10)	 PCB Headers & Receptacles(2)	 Rectangular Power Connectors(22)
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Customers Also Bought

 TE Part #179465-1 AMP POWER DBL LOCK CAP HSG 4P	 TE Part #1971786-1 PTL TAB CONTACT, 20 - 24 AWG	 TE Part #177919-1 Power Double Lock TPA	 TE Part #1744416-7 7 POS EP II HSG, GLOW WIRE
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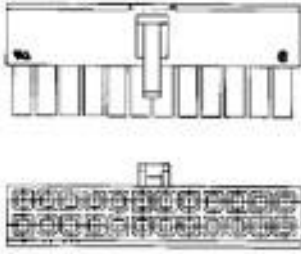




TE Part #1217095-2
RCPT 250 POS-LOCK 16-12 TPBR



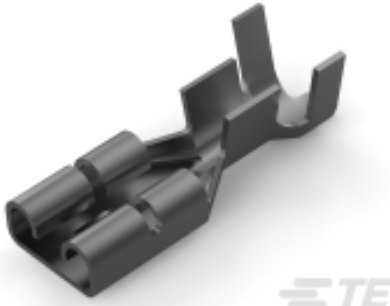
TE Part #917696-1
2.5 SIGNAL D/LOCK PLUG HSG 12P



TE Part #1586019-6
6P RCPT VAL-U-LOK V0



TE Part #2108743-1
POWER 2P DBL L/PRO NAT



TE Part #63606-4
187 FASTON REC 18-14 AWG TPBR

Documents

Product Drawings

EP II TPA 07P, BLACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1744544-7_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1744544-7_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1744544-7_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