



Connectors > Connector Accessories > Connector Hardware



Hardware Accessory Function: **Position Assurance**

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

Primary Product Color: **Black**

Primary Product Material: **Nylon GF**

Number of Positions: **7**

Features

Product Type Features

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

Configuration Features

Number of Rows	1
Number of Positions	7

Body Features

Primary Product Color	Black
Primary Product Material	Nylon GF

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
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Dimensions

Product Length	16.9 mm[.665 in]
Product Height	2.51 mm[.099 in]

Usage Conditions



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

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Quantity	800
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 # 1969442-7
EP 2.5 TPA Housing, 7 Pos

TE Part # 1744423-1
EP 2.5 RCPT CONTACT, 24-20 AWG

TE Part # 2110989-1
EP 2.5 RCPT CONTACT, 26-22 AWG

TE Part # 2299683-7
EP2.5 HDR 7P VERT W/O BOSS, TAPING

TE Part # 1744417-7
7 POS EP 2.5 HSG, GLOW WIRE

TE Part # 1-2299683-7
EP2.5 HDR 7P VERT W/O BOSS, TAPING, RED

TE Part # 1969825-6
EP 2.5 TPA RETAINER, 6 POS

TE Part # 1969825-7
EP 2.5 TPA RETAINER, 7 POS

TE Part # 2-2299683-7
EP2.5 HDR 7P VERT W/O BOSS, TAPING, BLUE

TE Part # 3-2299683-7
EP2.5 HDR 7P VERT W/O BOSS, TAPING, BLACK

TE Part # 4-2299683-7
EP2.5 HDR 7P VERT W/O BOSS, TAPING, YELLOW

TE Part # 5-2299683-7
EP2.5 HDR 7P VERT W/O BOSS, TAPING, GREEN

Also in the Series | Economy Power 2.5

Connector Contacts(6)

Connector Hardware(49)

PCB Headers & Receptacles(494)

Rectangular Power Connectors(43)

Wire-to-Board Connector Assemblies & Housings(305)

Customers Also Bought



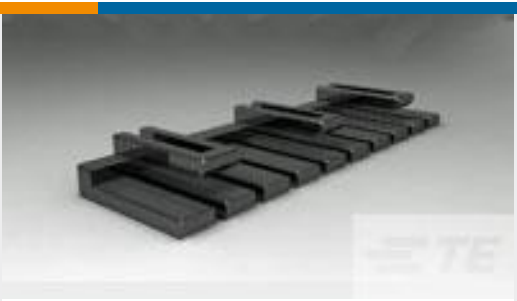
TE Part #1971778-3
PTL TPA HIGH TEMP 2 x 3 BLACK



TE Part #177916-1
AMP POWER DBL LOCK TAB (S)



TE Part #1-1971772-2
PTL 1X2 CAP PANEL MT STD TEMP KEY A NAT



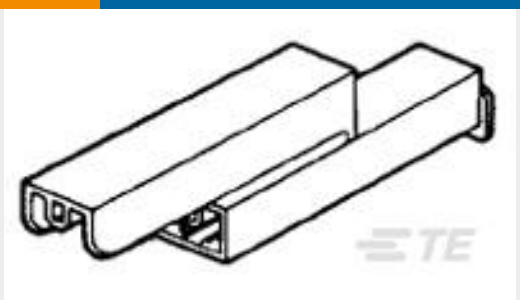
TE Part #1-1969443-1
EP 2.5 TPA Retainer, 11 Pos



TE Part #2132781-9
09P EP-II HOUSING, NATURAL



TE Part #1969632-1
250 FASTON HSG.,REC.,1 POS,BLACK



TE Part #1-174712-1
187 HSG. PL MKII REC. 6.65mm 2P NAT



TE Part #2110989-1
EP 2.5 RCPT CONTACT, 26-22 AWG



TE Part #1744544-9
EP II TPA 09P, BLACK

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1969443-7_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1969443-7_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1969443-7_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

7-1773461-6_EP2.5_Connector_Series

English

Product Specifications



Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English