



Connectors > Connector Accessories > Connector Hardware



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

Primary Product Color: **Black**

Primary Product Material: **Nylon GF**

Number of Positions: **7**

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

Features

Product Type Features

Connector Hardware Accessory Type	TPA (Terminal Position Assurance)
Hardware Accessory Function	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 Method	Bag
Packaging Quantity	800

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

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

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

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

TE Part # 1969442-7
EP 2.5 TPA Housing, 7 Pos

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

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

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

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

Also in the Series | Economy Power 2.5

Connector Contacts(6)

Connector Hardware(49)

PCB Headers & Receptacles(533)

Rectangular Power Connectors(531)

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

Wire-to-Board Headers & Receptacles (533)

Customers Also Bought





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



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



TE Part #794221-1
MINI UMNL2 SOK 22-18 AWG SN



TE Part #1-1969541-0
RETAINER, TPA, DUAL ROW, EP2.5



TE Part #177921-1
POWER D/LOCK PLATE 5P NATURAL



TE Part #177912-1
POWER D/LOCK CAP HSG 10P NATU.



TE Part #794185-1
02P MINI UMNL2 CAP HSG UL94V0



TE Part #1969588-7
HSG, REC, FREE-HANGING, SINGLE ROW,EP2.5



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



TE Part #1969443-5
EP 2.5 TPA Retainer, 5 Pos

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

Agency Approvals

VDE Certificate

English