



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: **10**

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

Features

Industry Standards

|                  |                               |
|------------------|-------------------------------|
| Glow Wire Rating | Standard Part - Not Glow Wire |
|------------------|-------------------------------|

Housing Features

|                    |                 |
|--------------------|-----------------|
| Centerline (Pitch) | 2.5 mm[.098 in] |
|--------------------|-----------------|

Dimensions

|                |                  |
|----------------|------------------|
| Product Length | 24.4 mm[.961 in] |
| Product Height | 2.51 mm[.099 in] |

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Method   | Bag |
| Packaging Quantity | 800 |

Configuration Features

|                     |    |
|---------------------|----|
| Number of Rows      | 1  |
| Number of Positions | 10 |

Product Type Features

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Connector Hardware Accessory Type | TPA (Terminal Position Assurance) |
|-----------------------------------|-----------------------------------|



Hardware Accessory Function

Position Assurance

Body Features

|                          |          |
|--------------------------|----------|
| Primary Product Color    | Black    |
| Primary Product Material | Nylon GF |

Usage Conditions

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

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

Product Compliance

For compliance documentation, visit the product page on TE.com>

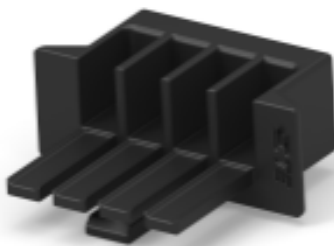
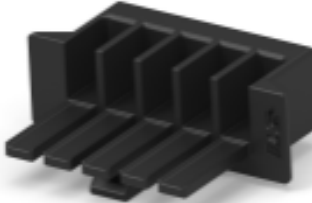
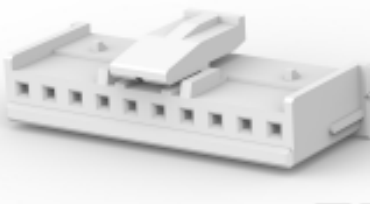
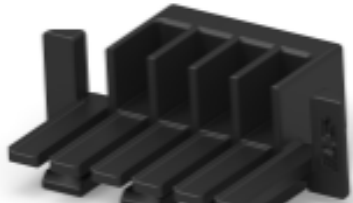
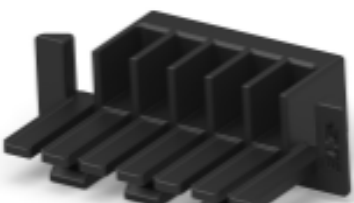
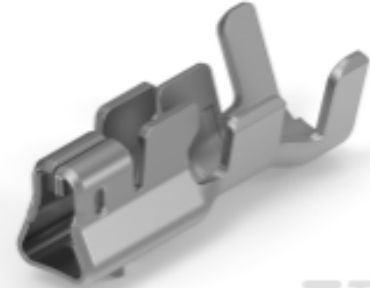
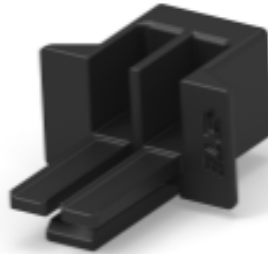
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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



|                                                                                                                                                |                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part # 1-1969442-0<br>EP 2.5 TPA Housing, 10 Pos       | <br>TE Part # 1969825-4<br>EP 2.5 TPA RETAINER, 4 POS      | <br>TE Part # 1-1969825-1<br>EP 2.5 TPA RETAINER, 11 POS    | <br>TE Part # 2110989-1<br>EP 2.5 RCPT CONTACT, 26-22 AWG   |
| <br>TE Part # 2232905-1<br>EP 2.5 LIF RCPT CONTACT, 26-22 AWG | <br>TE Part # 1969825-5<br>EP 2.5 TPA RETAINER, 5 POS      | <br>TE Part # 1-1969825-3<br>EP 2.5 TPA RETAINER, 13 POS    | <br>TE Part # 1969825-9<br>EP 2.5 TPA RETAINER, 9 POS       |
| <br>TE Part # 1969825-8<br>EP 2.5 TPA RETAINER, 8 POS       | <br>TE Part # 1-1969825-2<br>EP 2.5 TPA RETAINER, 12 POS | <br>TE Part # 1-1744417-0<br>10 POS EP 2.5 HSG, GLOW WIRE | <br>TE Part # 1-1969825-4<br>EP 2.5 TPA RETAINER, 14 POS  |
| <br>TE Part # 1969825-6<br>EP 2.5 TPA RETAINER, 6 POS       | <br>TE Part # 1969825-7<br>EP 2.5 TPA RETAINER, 7 POS    | <br>TE Part # 1-1969825-0<br>EP 2.5 TPA RETAINER, 10 POS  | <br>TE Part # 1744423-1<br>EP 2.5 RCPT CONTACT, 24-20 AWG |
| <br>TE Part # 1969825-2<br>EP 2.5 TPA Retainer, 2 Pos       | <br>TE Part # 1969825-3<br>EP 2.5 TPA RETAINER, 3 POS    |                                                                                                                                                |                                                                                                                                                |

Also in the Series | [Economy Power 2.5](#)



Connector Contacts(6)



Connector Hardware(49)



PCB Headers & Receptacles(533)



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



Wire-to-Board Headers & Receptacles (533)

Customers Also Bought



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



TE Part #5-1971875-3  
PTL 3X3 CAP PANEL MT HITEMP KEY A LGR



TE Part #1969443-6  
EP 2.5 TPA Retainer, 6 Pos



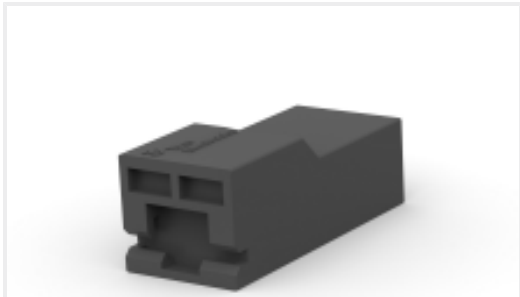
TE Part #1969443-5  
EP 2.5 TPA Retainer, 5 Pos



TE Part #1-1969442-0  
EP 2.5 TPA Housing, 10 Pos



TE Part #1969442-8  
EP 2.5 TPA Housing, 8 Pos



TE Part #1-1969186-1  
312 FASTON HSG.,REC.,BLACK



TE Part #521600-2  
ULTRA-POD 187 ASY REC 22-18 AWG TPBR



TE Part #1217039-1  
TIMER CONNECTOR GEN 3 18-14 POST-TPBR



TE Part #1534796-2  
AMP DUOPLUG MK2 CONNECTOR 2P

Documents



CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1969443-0\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1969443-0\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1969443-0\_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