1969825-6 ✔ ACTIVE

Economy Power 2.5

TE Internal #: 1969825-6

TPA (Terminal Position Assurance), Black, Nylon GF, 6 Position, Economy Power 2.5

View on TE.com >

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: **6**

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	6

Body Features

Primary Product Color	Black
Primary Product Material	Nylon GF

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]

Dimensions

	.457 in
Product Length	14.3 mm[.563 in]
Product Height	5.4 mm[.21 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

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 # 1969443-8
EP 2.5 TPA Retainer, 8 Pos



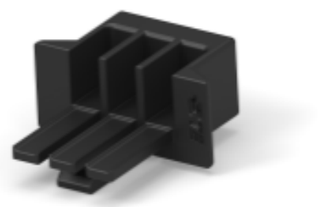
TE Part # 1969825-4
EP 2.5 TPA RETAINER, 4 POS



TE Part # 1969825-5
EP 2.5 TPA RETAINER, 5 POS



TE Part # 1969443-7
EP 2.5 TPA Retainer, 7 Pos



TE Part # 1969825-3
EP 2.5 TPA RETAINER, 3 POS



TE Part # 1969443-9
EP 2.5 TPA Retainer, 9 Pos



TE Part # 1-1969443-0
EP 2.5 TPA Retainer, 10 Pos



TE Part # 1969825-2
EP 2.5 TPA Retainer, 2 Pos



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

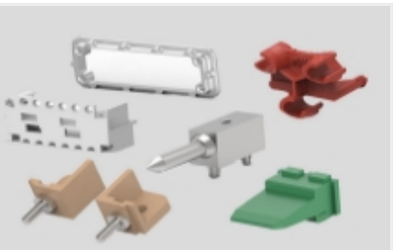


TE Part # 1969443-6
EP 2.5 TPA Retainer, 6 Pos

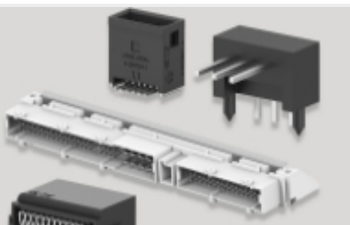
Also in the Series | Economy Power 2.5



Connector Contacts(6)



Connector Hardware(49)



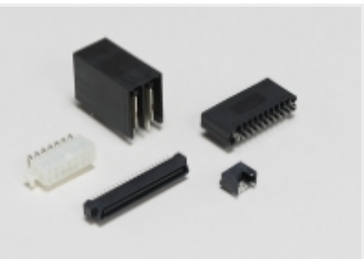
PCB Headers & Receptacles(533)



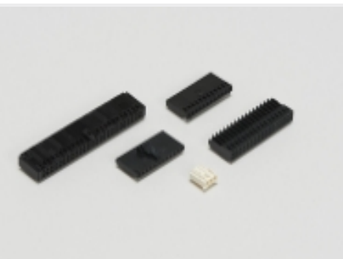
Rectangular Connector Housings(305)



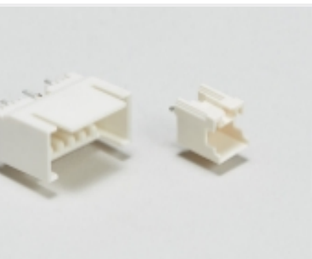
Rectangular Power Connectors(835)



Standard Rectangular Connectors(305)



Wire-to-Board Connector Assemblies & Housings(134)

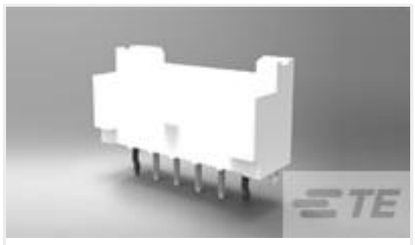


Wire-to-Board Headers & Receptacles (533)

Customers Also Bought



TE Part #1-1744417-4
14 POS EP 2.5 HSG, GLOW WIRE



TE Part #1-1744439-4
EP2.5 Shrd HDR ASSY 14P VERT, GW



TE Part #1969591-6
HSG,REC,PANEL MOUNT,GWT, SINGLE ROW,EP2.5



TE Part #1-1969591-4
HSG,REC,PANEL MOUNT,GWT, SINGLE ROW,EP2.5



TE Part #1969825-3
EP 2.5 TPA RETAINER, 3 POS



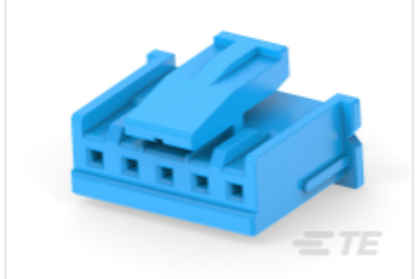
TE Part #1969825-7
EP 2.5 TPA RETAINER, 7 POS



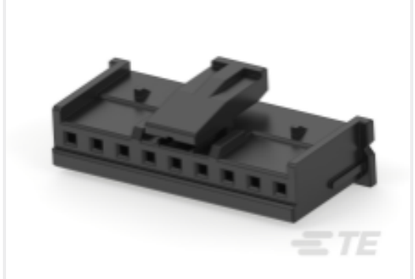
TE Part #2232557-2
NEW GI2.5 REC. CONTACT, SN, LUBRICATED



TE Part #2232983-1
EP 2.5 LIF RCPT CONTACT, 24-20 AWG



TE Part #2-2338183-5
EP 2.5 HOUSING 5P, BLUE, UL version



TE Part #4-2338183-9
EP 2.5 HOUSING 9P, BLACK, UL version

Documents

Product Drawings

EP 2.5 TPA RETAINER, 6 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1969825-6_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1969825-6_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1969825-6_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