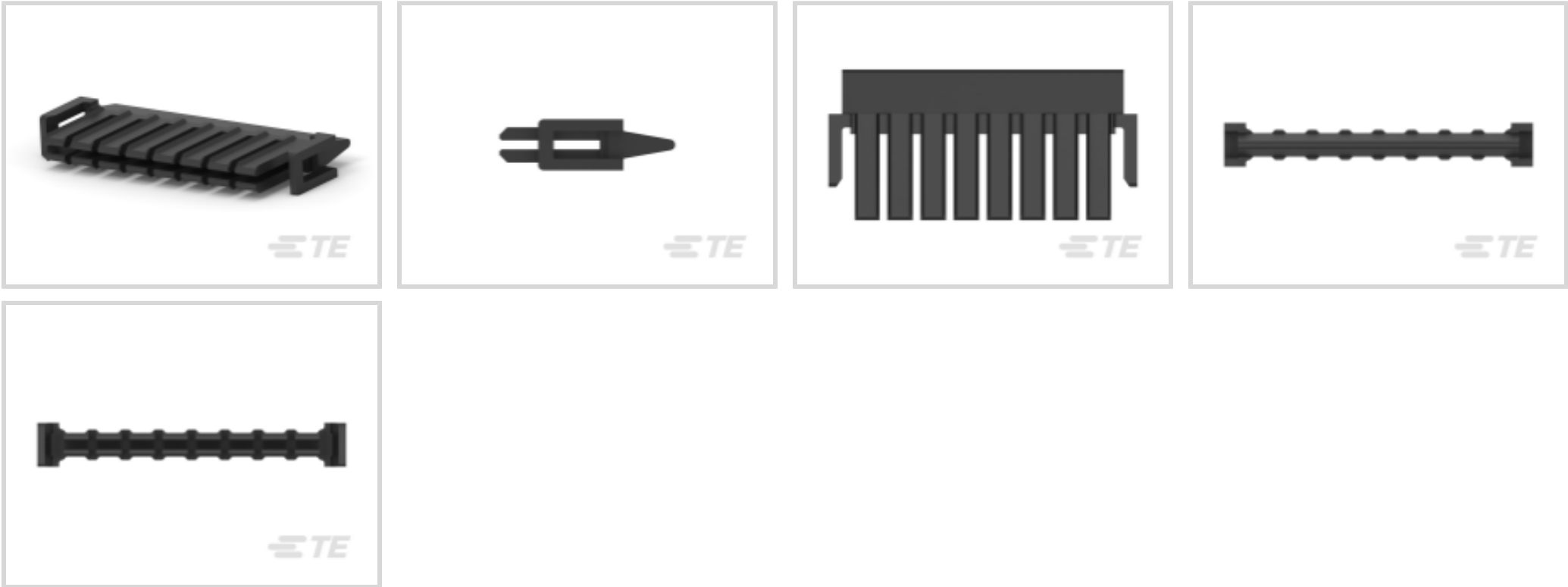




Connectors > PCB Connectors > PCB Connector Accessories > PCB Connector Hardware > PCB Latches, Locks & Retainers



Connector & Contact Retention Accessory Type: **TPA (Terminal Position Assurance)**

Connector System: **Wire-to-Wire**

Number of Positions: **16**

Centerline (Pitch): **2.5 mm [.098 in]**

Connector & Contact Terminates To: **Wire & Cable**

Features

Product Type Features

Connector & Contact Retention Accessory Type	TPA (Terminal Position Assurance)
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	16
Number of Rows	2

Body Features

Primary Product Color	Black
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Housing Features

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

Product Height	11.35 mm[.45 in]
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Usage Conditions

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Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Quantity	6000
Packaging Method	Bag

Product Compliance

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




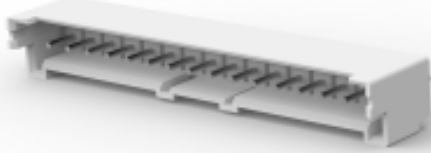
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not 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 # 1-1969442-6 EP 2.5 TPA Housing, 16 Pos	 TE Part # 1-2132230-6 EP2.5 Shrouded HDR ASSY 16P VE	 TE Part # 1969541-8 RETAINER, TPA, DUAL ROW, EP2.5	 TE Part # 1-1969541-0 RETAINER, TPA, DUAL ROW, EP2.5
 TE Part # 2-1969541-4 RETAINER, TPA, DUAL ROW, EP2.5	 TE Part # 1-1969541-2 RETAINER, TPA, DUAL ROW, EP2.5	 TE Part # 1-1969541-8 RETAINER, TPA, DUAL ROW, EP2.5	 TE Part # 2-1969541-8 RETAINER, TPA, DUAL ROW, EP2.5
 TE Part # 4-1969541-0 RETAINER, TPA, DUAL ROW, EP2.5	 TE Part # 1-1744417-6 16 POS EP 2.5 HSG, GLOW WIRE	 TE Part # 1-1744418-6 16 POS EP 2.5 HDR, GLOW WIRE	 TE Part # 1-1744426-6 Header Housing Assy, EP 2.5 RA, 16 Pos.
 TE Part # 1-1744439-6 EP2.5 Shrd HDR ASSY 16P VERT, GW	 TE Part # 1-1744446-6 Hdr Assy, EP 2.5 RA, 16 Pos., GW	 TE Part # 1-1969541-4 RETAINER, TPA, DUAL ROW, EP2.5	 TE Part # 1-1969730-6 EP2.5 SHROUDED HDR ASSY 16P VERTICAL
 TE Part # 1-2132415-6 EP2.5 Shrouded HDR ASSY 16P VERT w/oboss	 TE Part # 1-2324584-6 HSG,REC,PANEL MOUNT,DUALROW, EP2.5	 TE Part # 2-1969541-0 RETAINER, TPA, DUAL ROW, EP2.5	 TE Part # 2-1969541-2 RETAINER, TPA, DUAL ROW, EP2.5

Also in the Series | Economy Power 2.5



Insertion & Extraction Tools(1)

PCB Headers & Receptacles(210)

PCB Latches, Locks & Retainers(49)

Rectangular Power Connectors(43)

Wire-to-Board Connector Assemblies & Housings(216)

Wire-to-Board Connector Contacts(6)

Customers Also Bought

TE Part #177913-1
POWER DBL LOCK CAP HSG P/M 12P

TE Part #5-1971772-3
POWER TRIPLE LOCK HIGH TEMP CAP

TE Part #5-1971776-3
PTL 2X3 PLUG HSG HIGH TEMP KEY A LGR

TE Part #1971781-2
PTL RECEPTACLE CONTACT, 14 AWG

TE Part #1971782-2
PTL TAB CONTACT, 14 AWG

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

TE Part #63850-1
187 FASTON REC 20-16 AWG NPST

Documents

Product Drawings
RETAINER, TPA, DUAL ROW, EP2.5
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-1969541-6_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1-1969541-6_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1969541-6_A.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

Product Environmental Compliance

[TE Material Declaration](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English