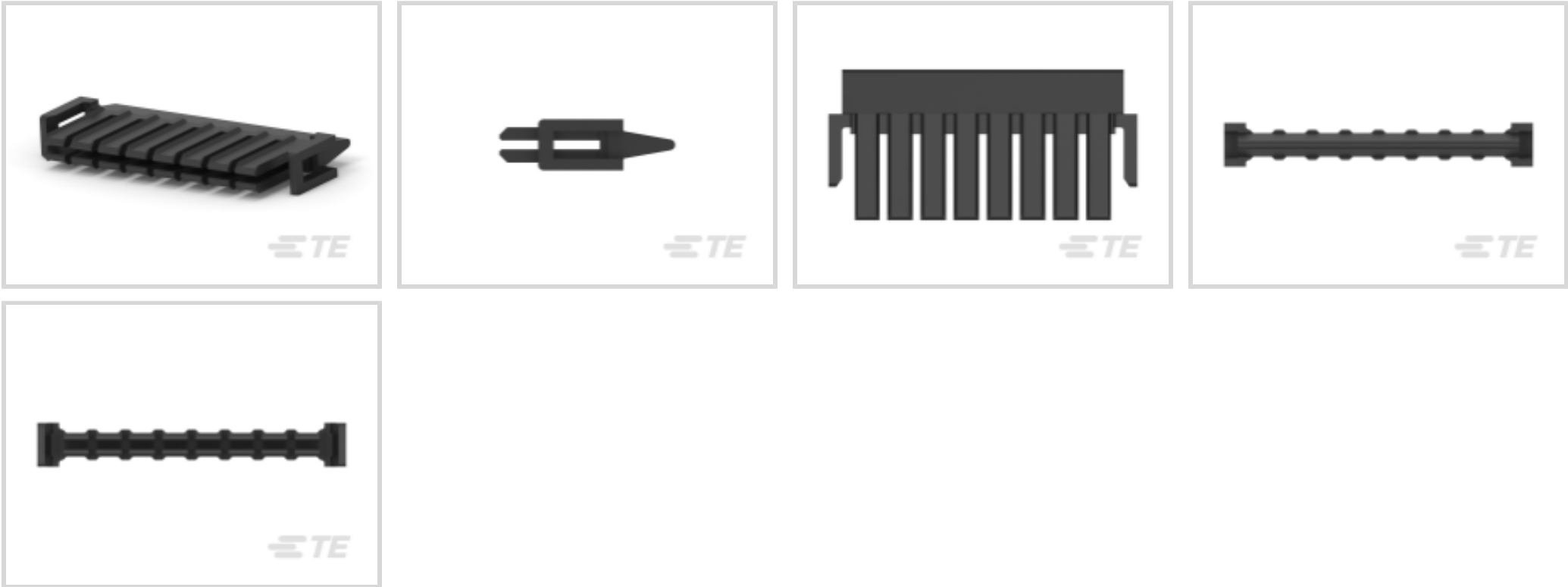




Connectors > PCB Connectors > PCB Connector Accessories > PCB Connector Hardware > PCB Latches, Locks & Retainers



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>

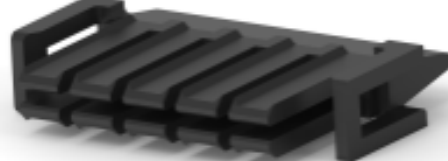
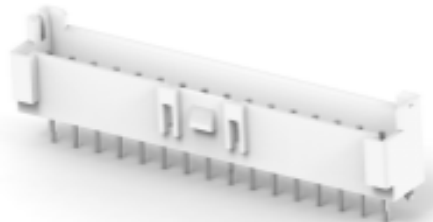
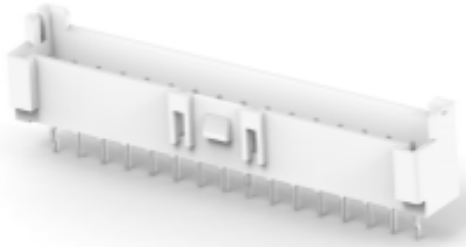
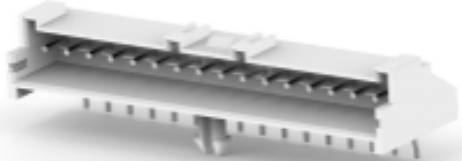
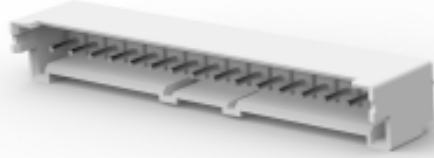
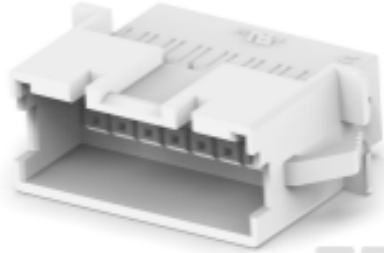
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not 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

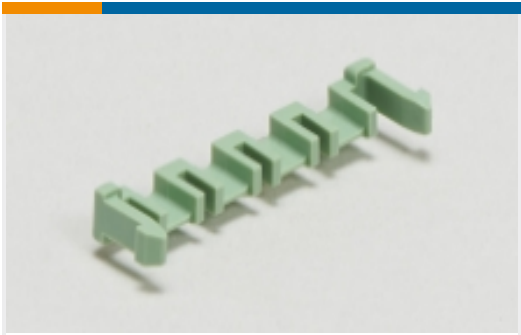


 TE Part # 1-1969442-6 EP 2.5 TPA Housing, 16 Pos	 TE Part # 1-2132230-6 EP2.5 Shrouded HDR ASSY 16P VE	 TE Part # 1969541-8 RETAINER, TPA, DUAL ROW, EP2.5	 TE Part # 1-1969541-0 RETAINER, TPA, DUAL ROW, EP2.5
 TE Part # 2-1969541-4 RETAINER, TPA, DUAL ROW, EP2.5	 TE Part # 1-1969541-2 RETAINER, TPA, 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, DUAL ROW, 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 Latches, Locks & Retainers(49)



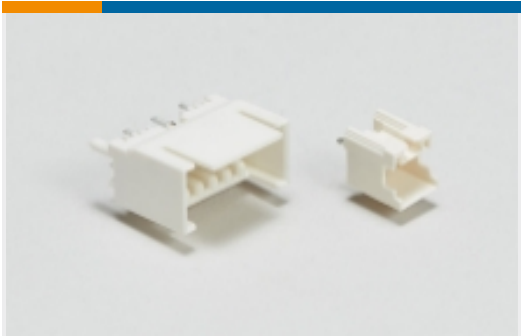
Rectangular Power Connectors(43)



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



Wire-to-Board Connector Contacts(6)



Wire-to-Board Headers & Receptacles (209)

Customers Also Bought



TE Part #177915-2
Power Double Lock Receptacle



TE Part #1738475-1
250 FASTON HSG.,REC.,NATURAL



TE Part #917791-1
2.5 S.D.L POST HDR ASY 13P STD



TE Part #1-1969541-8
RETAINER, TPA, DUAL ROW, EP2.5



TE Part #1-1969541-4
RETAINER, TPA, DUAL ROW, EP2.5



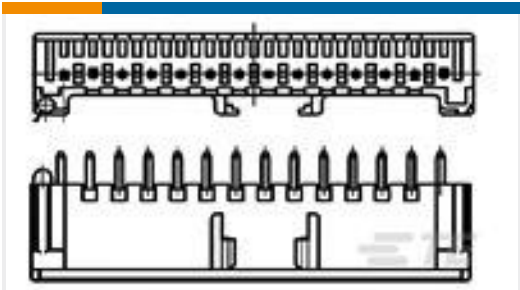
TE Part #1-2324579-6
HOUSING, PLUG, 16P, DUAL ROW, EP2.5



TE Part #1743490-1
BLOWER MOTOR 3P HDR ASSY



TE Part #1743729-1
FG TERMINAL



TE Part #1746062-2
2.5SDL HDR 14P STD ASSY RED

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