



Connectors > Connector Accessories > Connector Hardware



Connector Hardware Accessory Type: TPA (Terminal Position Assurance)

Primary Product Color: Black

Number of Positions: 24

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

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

Features

Product Type Features

Connector Hardware Accessory Type	TPA (Terminal Position Assurance)
Hardware Accessory Function	Position Assurance

Configuration Features

Number of Rows	2
Number of Positions	24

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

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	4000

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 1-1969541-2
RETAINER, TPA, DUAL ROW, EP2.5

TE Part # 2-1969541-2
RETAINER, TPA, DUAL ROW, EP2.5

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

TE Part # 2-1969541-0
RETAINER, TPA, DUAL ROW, EP2.5

TE Part # 2-1969541-6
RETAINER, TPA, DUAL ROW, EP2.5

TE Part # 3-1969541-0
RETAINER, TPA, DUAL ROW, EP2.5

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

TE Part # 1-1969541-6
RETAINER, TPA, DUAL ROW, EP2.5

TE Part # 3-1969541-4
RETAINER, TPA, DUAL ROW, EP2.5

TE Part # 3-1969541-2
RETAINER, TPA, DUAL ROW, EP2.5

TE Part # 4-1969541-0
RETAINER, TPA, DUAL ROW, EP2.5

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

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

TE Part # 2-1969541-8
RETAINER, TPA, DUAL ROW, EP2.5

TE Part # 3-1969541-6
RETAINER, TPA, DUAL ROW, EP2.5

TE Part # 3-1969541-8
RETAINER, TPA, DUAL ROW, EP2.5

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)

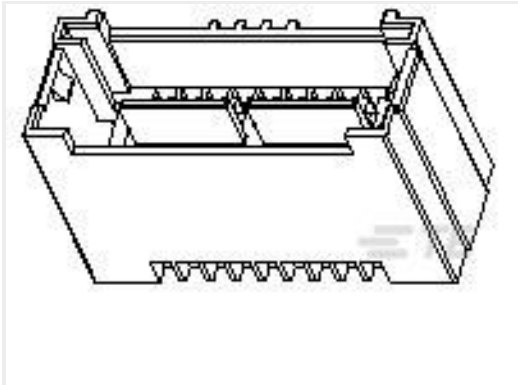


Wire-to-Board Headers & Receptacles (533)

Customers Also Bought



TE Part #3-1707666-1
SPECIAL ANVIL - MID SIZE



TE Part #2108505-1
2.5 SDL 18P CAP HSG 2ROW



TE Part #1-1743165-5
250 HSG. PL EX REC. 12mm 2P
YELLOW



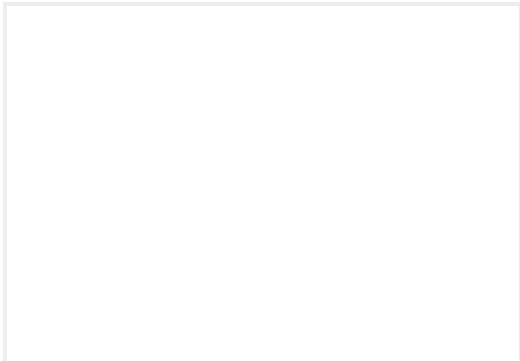
TE Part #2351190-3
2POS,TAB8.0X1.0,HDR ASSY,180DEG,
COD C



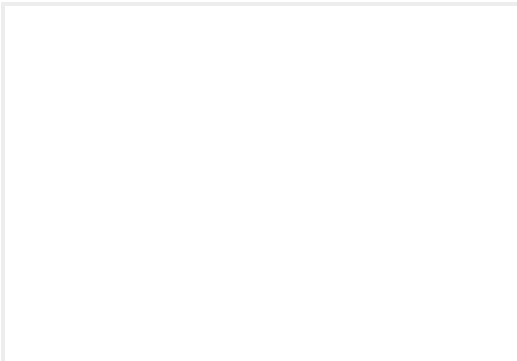
TE Part #1-2324579-6
HOUSING, PLUG, 16P, DUAL ROW,
EP2.5



TE Part #2-1707664-9
WIRE CRIMPER



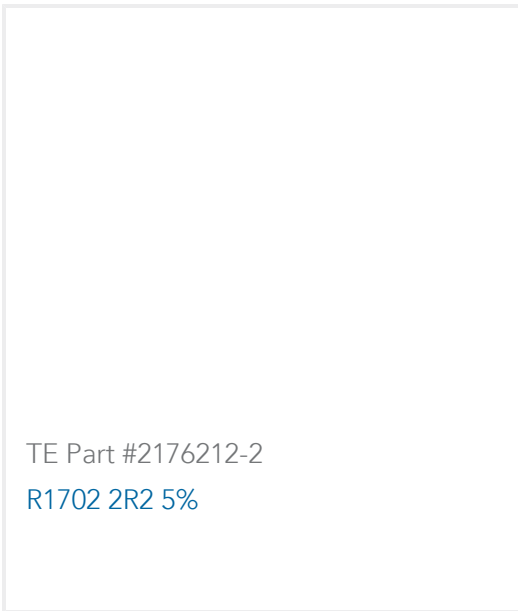
TE Part #2108960-1
DISTRIBUTION CONNECTOR



TE Part #5-18022-5
SCREW, CAP, HEX HEAD, METRIC



TE Part #63950-6
FASTON 250 PCB TAB BR



TE Part #2176212-2
R1702 2R2 5%

Documents

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

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2-1969541-4_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2-1969541-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1969541-4_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

Instruction Sheets

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

English