

1-1969541-2 ✓ ACTIVE

Economy Power 2.5

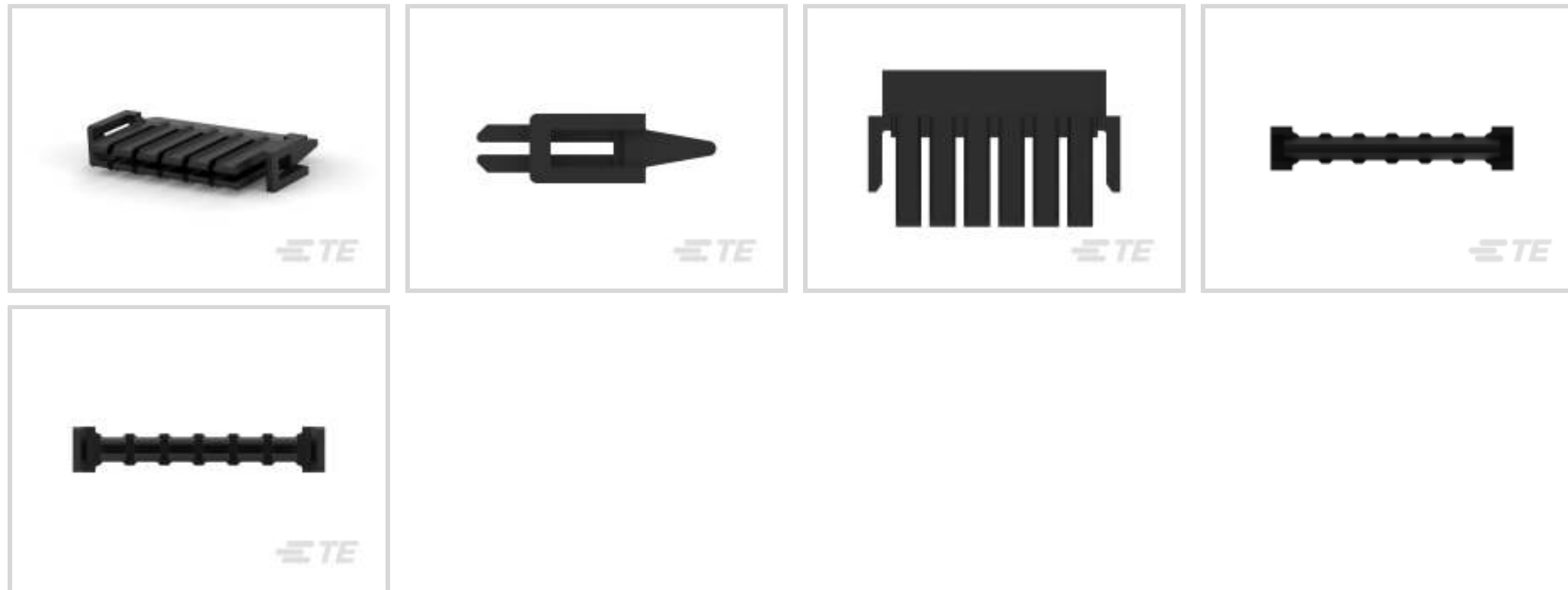
TE Internal #: 1-1969541-2

PCB Latches, Locks & Retainers, TPA (Terminal Position Assurance),
12 Position, .098 in [2.5 mm] Centerline, 2 Row, Economy Power 2.5

[View on TE.com >](#)



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



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

Number of Positions: **12**

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

Number of Rows: **2**

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

Features

Product Type Features

Connector & Contact Retention Accessory Type	TPA (Terminal Position Assurance)
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Configuration Features

Number of Positions	12
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

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	8000
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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

 <p>TE Part # 1-1744418-2 12 POS EP 2.5 HDR, GLOW WIRE</p>	 <p>TE Part # 1-1744417-2 12 POS EP 2.5 HSG, GLOW WIRE</p>	 <p>TE Part # 1-2132415-2 EP2.5 Shrouded HDR ASSY 12P VERT w/oboss</p>	 <p>TE Part # 1-1969442-2 EP 2.5 TPA Housing, 12 Pos</p>
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TE Part # 1-1744426-2
Header Housing Assy, EP 2.5 RA, 12 Pos.

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

TE Part # 1-2132230-2
EP2.5 Shrouded HDR ASSY 12P VE

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

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

TE Part # 1-1744439-2
EP2.5 Shrd HDR ASSY 12P VERT, GW

TE Part # 1-1744446-2
Hdr Assy, EP 2.5 RA, 12 Pos., GW

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

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

TE Part # 1-1969588-2
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5

TE Part # 1-1969589-2
HSG, REC, FREE-HANG, GWT, SINGLE ROW, EP2.5

TE Part # 1-1969590-2
HSG, REC, PANEL MOUNT, SINGLE ROW, EP2.5

TE Part # 1-1969591-2
HSG, REC, PANEL MOUNT, GWT, SINGLE ROW, EP2.5

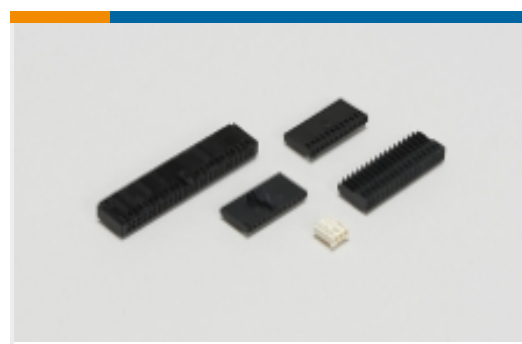
Also in the Series | Economy Power 2.5

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(494)

PCB Latches, Locks & Retainers(49)

Rectangular Power Connectors(43)

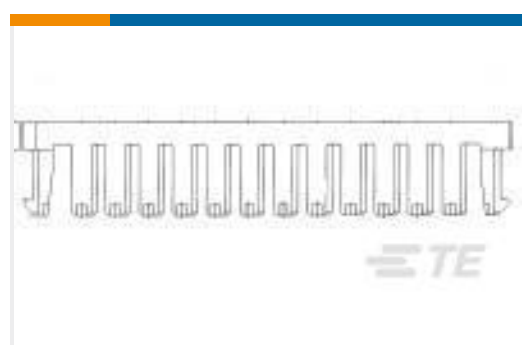


Wire-to-Board Connector Assemblies & Housings(311)



Wire-to-Board Connector Contacts(6)

Customers Also Bought

TE Part #177913-1
POWER DBL LOCK CAP HSG P/M 12PTE Part #917692-1
STD Temp Signal Double Lock PlugTE Part #2238007-1
TERMINAL, PIN, LANCELESS, 22-26
AWG, EP2TE Part #2232905-1
EP 2.5 LIF RCPT CONTACT, 26-22
AWGTE Part #1746076-1
2.5SDL DBL 14P HSG NATTE Part #917707-1
2.5 SIGNAL D.LOCK D.L.P 11PTE Part #1-2323743-2
HOUSING, PLUG, GWT, 12P, DUAL
ROW, EP2.5TE Part #1-2324201-2
HSG,REC,FREE-HANGING,GWT,
DUALROW,EP2.5

Documents

Product Drawings

RETAINER, TPA, DUAL ROW, EP2.5

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1969541-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1969541-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1969541-2_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

[MD_1-1969541-2_03232018645_dmtec](#)

English

[MD_1-1969541-2_03232018645_dmtec](#)

English

Instruction Sheets

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

English