

2-1969541-4 ✓ ACTIVE

Economy Power 2.5

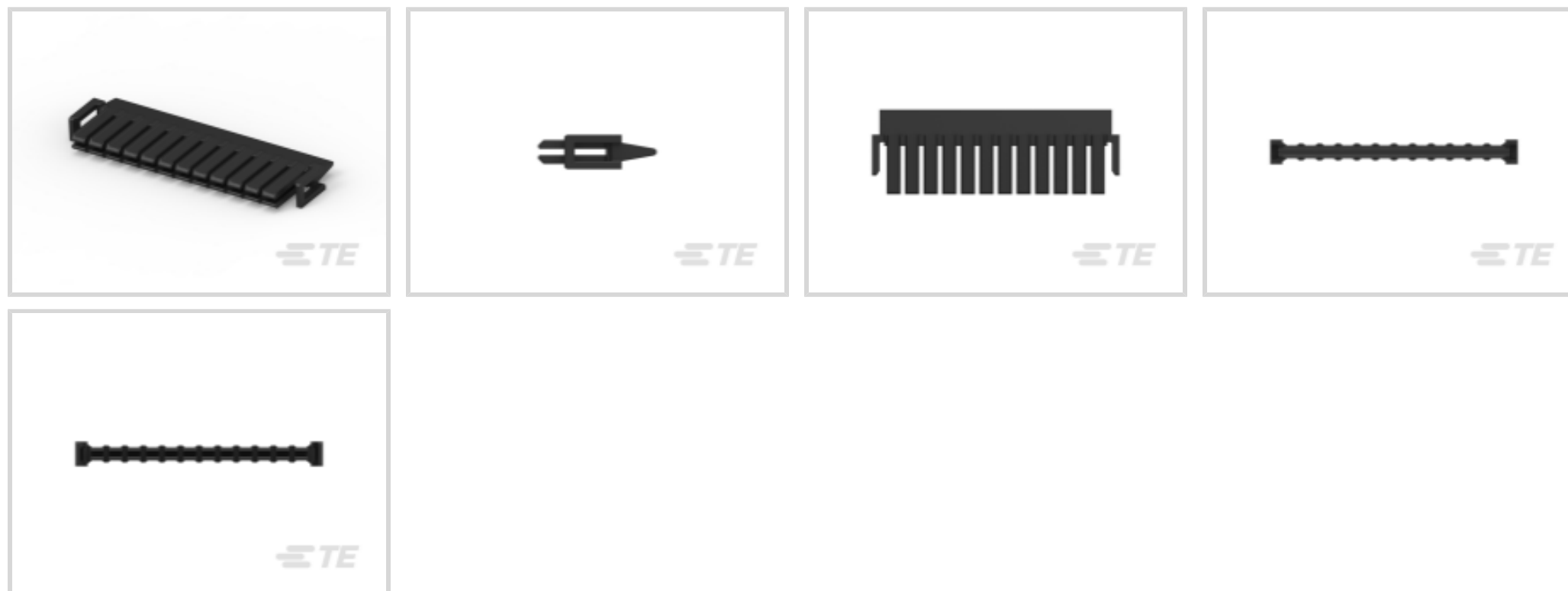
TE Internal #: 2-1969541-4

PCB Latches, Locks & Retainers, TPA (Terminal Position Assurance),
24 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: **24**

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) |
|----------------------------------------------|-----------------------------------|

Configuration Features

| | |
|---------------------|----|
| Number of Positions | 24 |
| Number of Rows | 2 |

Body Features

| | |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Housing Features

| | |
|--------------------|-----------------|
| Centerline (Pitch) | 2.5 mm[.098 in] |
|--------------------|-----------------|

Dimensions

| | |
|----------------|------------------|
| Product Height | 11.35 mm[.45 in] |
|----------------|------------------|

Usage Conditions

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

Industry Standards

| | |
|------------------|-------------------------------|
| Glow Wire Rating | Standard Part - Not Glow Wire |
|------------------|-------------------------------|



Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 4000 |
| 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: JUNE 2023 (235) 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 # 1969541-8 RETAINER, TPA, DUAL ROW, EP2.5</p> |  <p>TE Part # 1-1969541-0 RETAINER, TPA, DUAL ROW, EP2.5</p> |  <p>TE Part # 1-1969541-2 RETAINER, TPA, DUAL ROW, EP2.5</p> |  <p>TE Part # 1-1969541-8 RETAINER, TPA, DUAL ROW, EP2.5</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|




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



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



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



TE Part # 1-1969541-6
RETAINER, TPA, 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



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



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



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



TE Part # 3-1969541-4
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




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 #917697-1
2.5 SIGNAL D/LOCK PLUG HSG 13P



TE Part #1743221-1
250 PL EX FLAG REC. 18-12AWG PTBR



ANVIL REPRESENTATION ONLY

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

TE Part #2176212-2
R1702 2R2 5%



TE Part #2-1707664-9
WIRE CRIMPER

TE Part #2108960-1
DISTRIBUTION CONNECTOR

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

TE Part #5-1372295-1
STRIP

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

TE Part #63950-6
FASTON 250 PCB TAB BR

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