



Economy Power 2.5

TE Internal #: 1969443-4

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

Wire-to-Board, 4 Position, .098 in [2.5 mm] Centerline, 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)**

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

Number of Positions: **4**

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-Board |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 4 |
| Number of Rows | 1 |

Body Features

| | |
|--------------------------|----------|
| Primary Product Material | Nylon GF |
| Primary Product Color | Black |

Housing Features

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

Dimensions

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|----------------|----------------|
| Product Length | 9.4 mm[.37 in] |
|----------------|----------------|



| | |
|----------------|------------------|
| Product Height | 2.51 mm[.099 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 | 1000 |
|--------------------|------|

| | |
|------------------|-----|
| 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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed |
|--|--|

| | |
|-----------------|--|
| 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 # 1744417-4
4 POS EP 2.5 HSG, GLOW WIRE



TE Part # 1969442-4
EP 2.5 TPA Housing, 4 Pos



TE Part # 1744423-1
EP 2.5 RCPT CONTACT, 24-20 AWG



TE Part # 2110989-1
EP 2.5 RCPT CONTACT, 26-22 AWG



TE Part # 1-2299683-4
EP2.5 HDR 4P VERT W/O BOSS, TAPING, RED



TE Part # 1969825-2
EP 2.5 TPA Retainer, 2 Pos



TE Part # 1969825-3
EP 2.5 TPA RETAINER, 3 POS



TE Part # 1969825-4
EP 2.5 TPA RETAINER, 4 POS



TE Part # 1969825-5
EP 2.5 TPA RETAINER, 5 POS



TE Part # 2-2299683-4
EP2.5 HDR 4P VERT W/O BOSS, TAPING, BLUE



TE Part # 2299683-4
EP2.5 HDR 4P VERT W/O BOSS, TAPING



TE Part # 3-2299683-4
EP2.5 HDR 4P VERT W/O BOSS, TAPING, BLACK

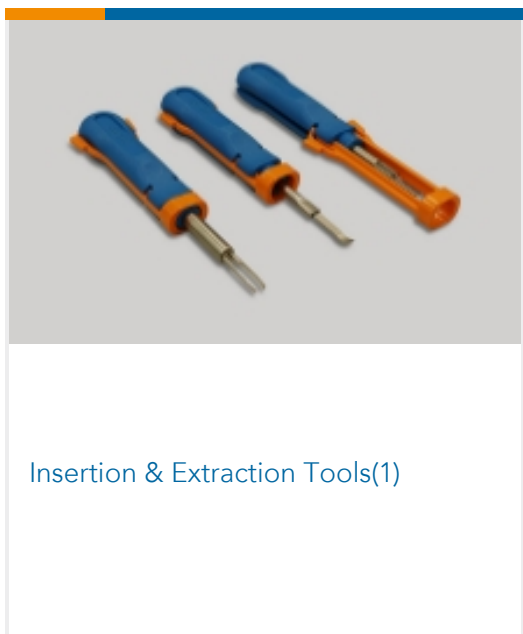


TE Part # 4-2299683-4
EP2.5 HDR 4P VERT W/O BOSS, TAPING, YELLOW



TE Part # 5-2299683-4
EP2.5 HDR 4P VERT W/O BOSS, TAPING, GREEN

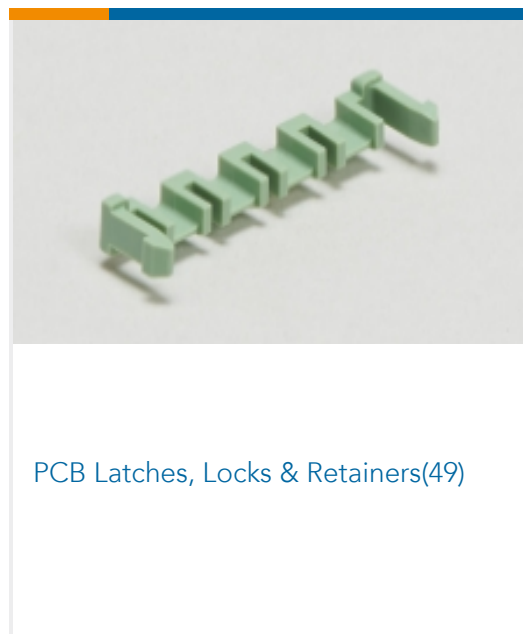
Also in the Series | Economy Power 2.5



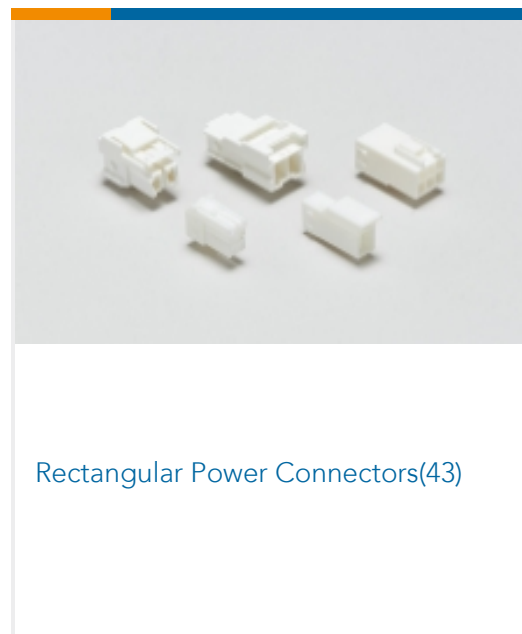
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(210)



PCB Latches, Locks & Retainers(49)



Rectangular Power Connectors(43)



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

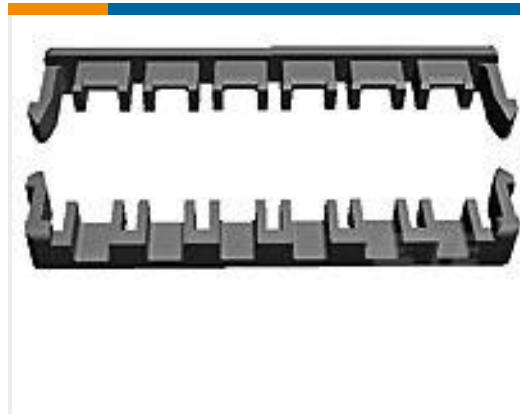


Wire-to-Board Connector Contacts(6)

Customers Also Bought



TE Part #1971782-2
POWER TRIPLE LOCK TAB CONTACT



TE Part #1376395-1
5MM POWER KEY D/L PLATE GREEN



TE Part #1971778-3
POWER TRIPLE LOCK TPA LOCKING PLATE



TE Part #1969442-7
EP 2.5 TPA Housing, 7 Pos



TE Part #1969442-3
EP 2.5 TPA Housing, 3 Pos



TE Part #2238007-1
TERMINAL, PIN, LANCELESS, 22-26 AWG, EP2



TE Part #1969588-3
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1969443-4_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1969443-4_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1969443-4_B.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_1969443-4_032220181250_dmtec

English

MD_1969443-4_032220181250_dmtec

English

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English