



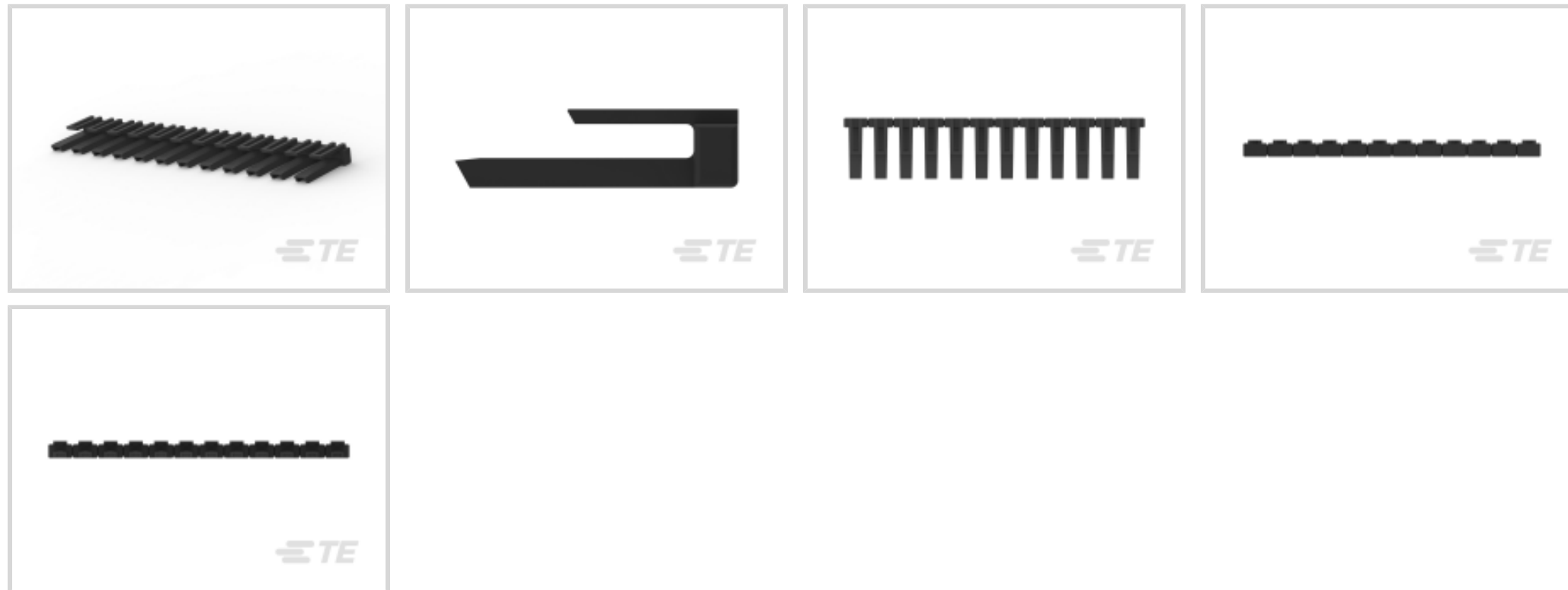
Economy Power

TE Internal #: 1-2132782-2

PCB Latches, Locks & Retainers, TPA (Terminal Position Assurance),  
12 Position, .156 in [3.96 mm] Centerline, 1 Row, Economy Power

[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): **3.96 mm [ .156 in ]**

Number of Rows: **1**

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 | 12 |
| Number of Rows      | 1  |

**Body Features**

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

**Housing Features**

|                    |                  |
|--------------------|------------------|
| Centerline (Pitch) | 3.96 mm[.156 in] |
|--------------------|------------------|

**Dimensions**

|                |                   |
|----------------|-------------------|
| Product Length | 47.27 mm[1.86 in] |
| Product Height | 2.65 mm[.104 in]  |

**Usage Conditions**

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

**Industry Standards**



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

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

### Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 300 |
|--------------------|-----|

|                  |     |
|------------------|-----|
| 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)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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 |
|---------------------------|--|

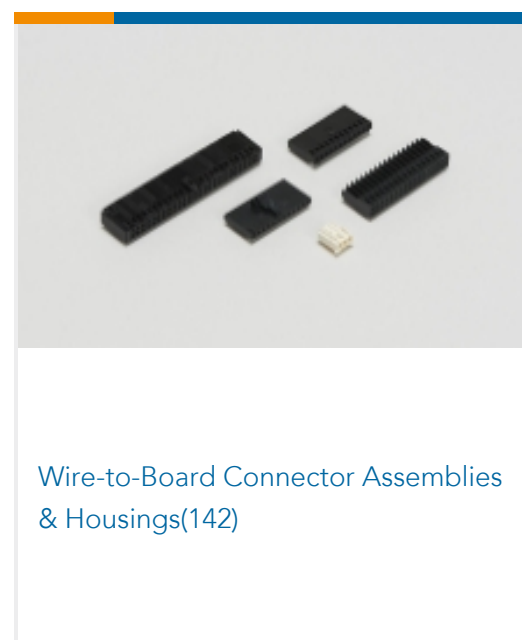
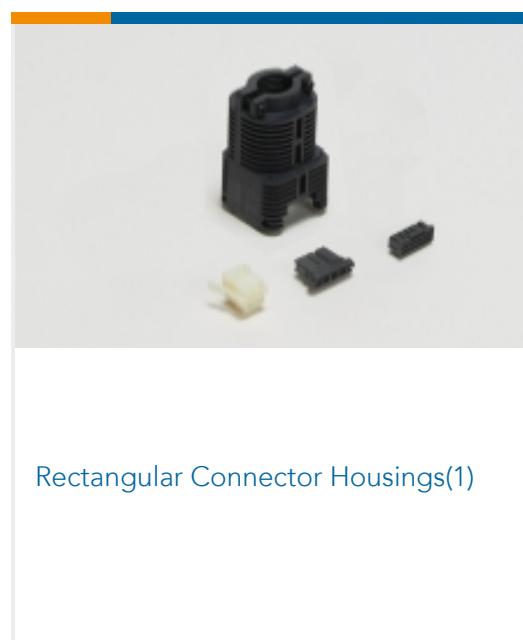
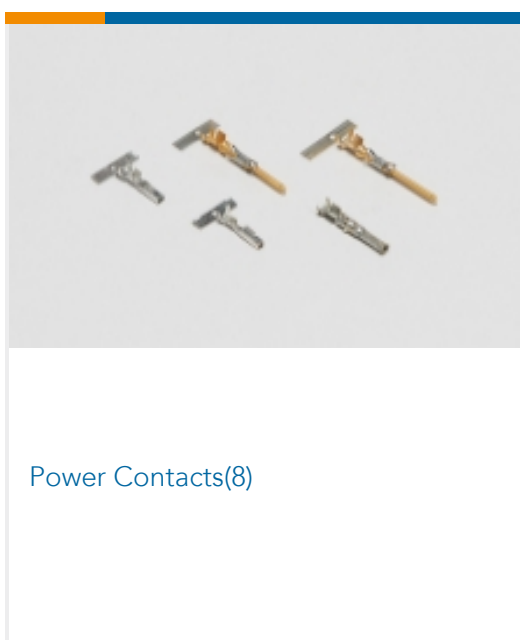
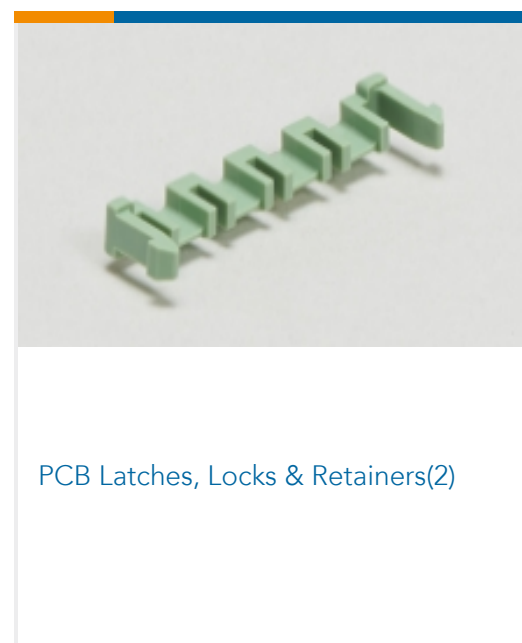
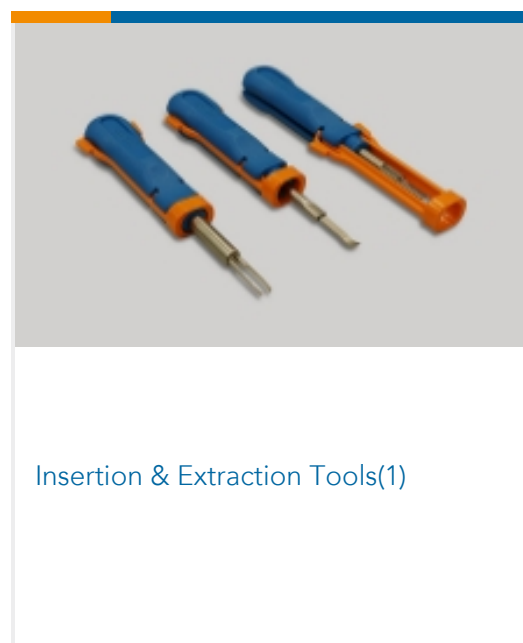
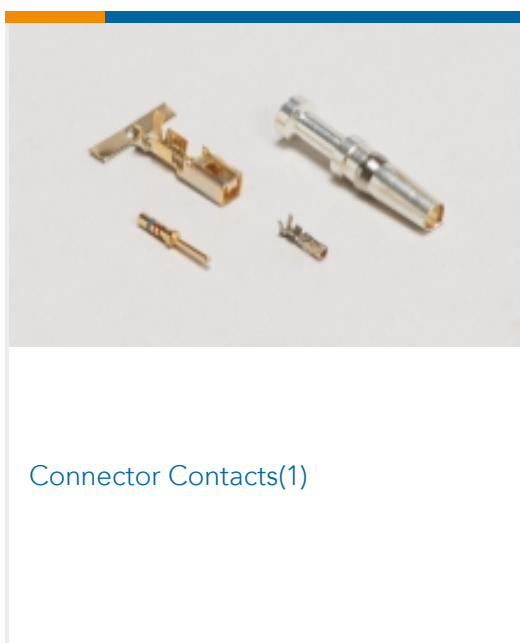
#### Product Compliance Disclaimer

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



Also in the Series | Economy Power





Wire-to-Board Connector Contacts(6)

## Customers Also Bought



TE Part #521597-2  
ULTRA POD: Flag, Receptacle  
Assembly, Tin Plated, .187 inch



TE Part #2132781-4  
04P EP-II HOUSING, NATURAL



TE Part #1981959-1  
PUSH PUSH SIM H1.87 SWITCH  
EMBOSS ASSY



TE Part #2132781-7  
07P EP-II HOUSING, NATURAL



TE Part #1744144-1  
EP-II CONTACT LANCELESS, 22-18



TE Part #917701-1  
2.5 SIGNAL DBL LOCK DLP 5P



TE Part #521586-2  
ULTRA-POD 187 ASSY REC 18-16  
AWG TPBR



TE Part #794742-1  
12P UMNL PLUG HSG NATL



TE Part #2029387-1  
04P UMNL SHORT LATCH PLUG V0

## Documents

### Product Drawings

12 pos. EP II breakaway retain

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-2132782-2\_F.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-2132782-2\\_F.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-2132782-2\\_F.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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**Datasheets & Catalog Pages**

[1-1773885-9 Economy Power Connectors](#)

English

[7-1773458-5\\_ECONOMY\\_POWER\\_QRG](#)

English

[7-1773461-5\\_EPII\\_CONNECTOR\\_TPA\\_DEVICE](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Product Environmental Compliance**

[TE Material Declaration](#)

English

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**Agency Approvals**

[UL Report](#)

English