



Connectors &gt; Power Connectors &gt; Rectangular Power &gt; Rectangular Power Connectors

Rectangular Power Connector Type: **Housing**Connector & Housing Type: **Plug**Connector System: **Wire-to-Wire**Number of Positions: **5**Centerline (Pitch): **5.03 mm [ .198 in ]**

## Features

### Product Type Features

|                                   |              |
|-----------------------------------|--------------|
| Rectangular Power Connector Type  | Housing      |
| Connector & Housing Type          | Plug         |
| Connector System                  | Wire-to-Wire |
| Sealable                          | No           |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

|                            |   |
|----------------------------|---|
| Number of Positions        | 5 |
| Number of Signal Positions | 5 |
| Number of Rows             | 1 |

### Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

### Contact Features

|                                  |         |
|----------------------------------|---------|
| Contact Layout                   | Inline  |
| Contact Retention Within Housing | Without |



|              |     |
|--------------|-----|
| Contact Type | Pin |
|--------------|-----|

### Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

### Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Panel Mount Feature     | Without                    |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

### Housing Features

|                    |                   |
|--------------------|-------------------|
| Centerline (Pitch) | 5.03 mm [.198 in] |
| Housing Color      | Natural           |
| Housing Material   | Nylon 6/6         |

### Dimensions

|        |          |
|--------|----------|
| Height | 27.18 mm |
| Width  | 6.1 mm   |
| Length | 27.81 mm |

### Usage Conditions

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

### Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

### Industry Standards

|                        |                               |
|------------------------|-------------------------------|
| CSA Rating             | Certified                     |
| UL Flammability Rating | UL 94V-2                      |
| Glow Wire Rating       | Standard Part - Not Glow Wire |
| UL Rating              | Recognized                    |
| Agency/Standard Number | E28476                        |
| CSA File Number        | LR7189                        |
| Agency/Standard        | CSA, UL                       |

### Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Method   | Package |
| Packaging Quantity | 1       |

### Other

|              |                    |
|--------------|--------------------|
| For Use With | Receptacle Housing |
|--------------|--------------------|

## 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)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| Halogen Content                               | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.   |
| Solder Process Capability                     | Not applicable for solder process capability   |

### Product Compliance Disclaimer

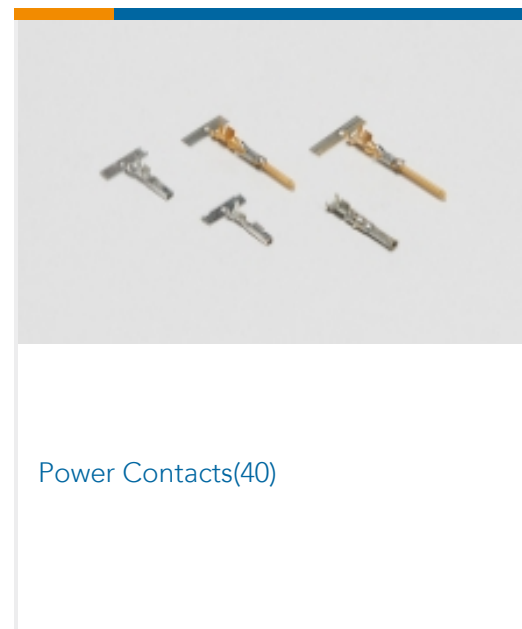
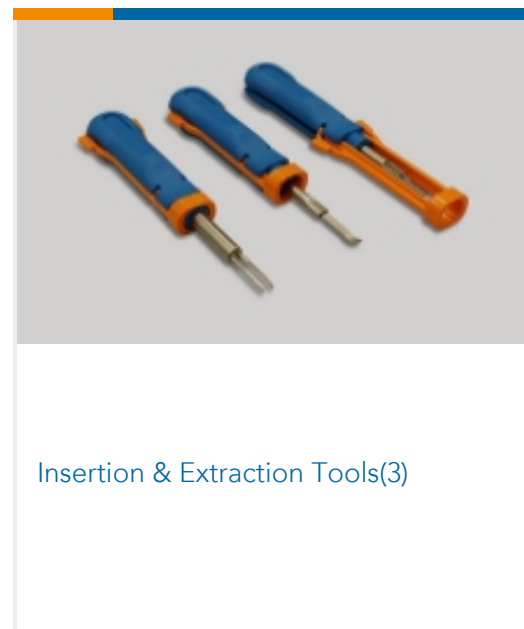
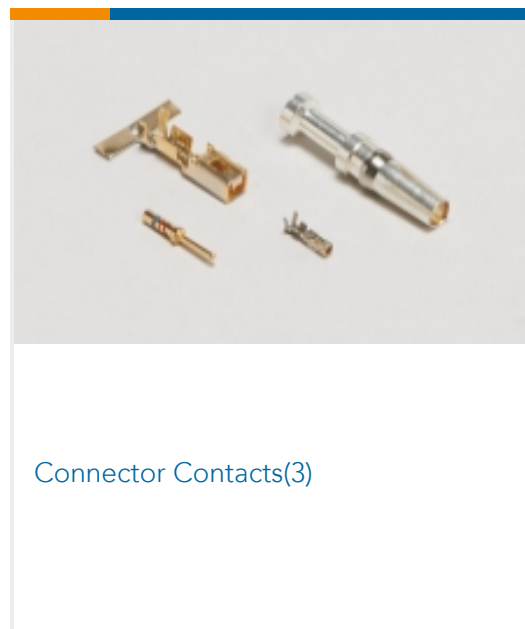
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 770147-1<br/>.093 CP&amp;S PIN PTPBR LP 24-18</p> |  <p>TE Part # 770083-1<br/>05P .093 COMM P&amp;S RECPT HSG</p> |  <p>TE Part # 350416-1<br/>.093 COMM P&amp;S PIN 14-20 PTPBR</p> |  <p>TE Part # 770529-1<br/>.093 COMM P&amp;S SOK 14-20 PTPBR</p> |
|--|---|---|---|



Also in the Series | Commercial Pin and Socket Connectors

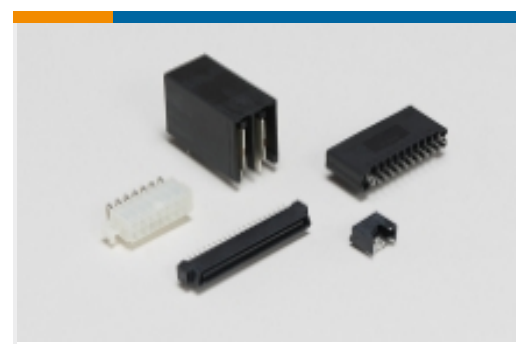




Rectangular Connector Housings(11)

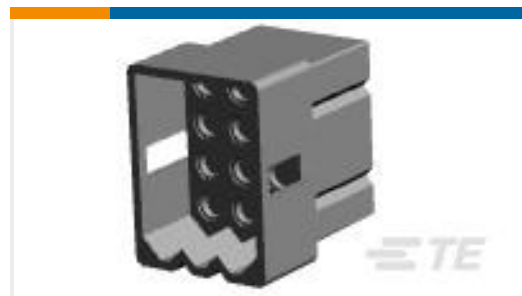
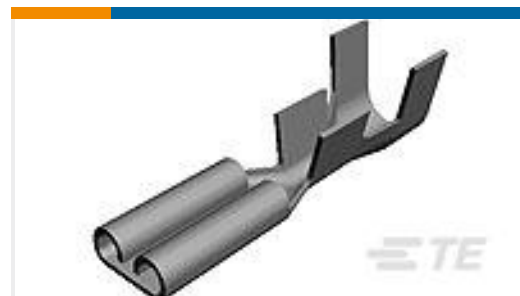


Rectangular Power Connectors(88)



Standard Rectangular Connectors(4)

## Customers Also Bought

TE Part #770102-1  
12P .093 COMM P&S PLUGTE Part #41771  
250 FASTON REC 22-18 AWG BRTE Part #60772-3  
RING CRIMP 18-14 AWG TPBRTE Part #1-794615-0  
PANEL MT DBL ROW HSG 10 POSTE Part #60770-1  
RING CRIMP 18-14 AWG BRTE Part #T4061110004-007  
M8 CABLE ST M 10M 4POS PVC  
CABLETE Part #60771-2  
RING CRIMP 18-14 AWG TPBRTE Part #770097-1  
12P .093 COMM P&S RECPTTE Part #60650-1  
250 FASTON FLAG REC 18-14 AWG  
BRTE Part #690674-1  
STOP-REAR

## Documents

### Product Drawings

05P .093 COMM P&S PLUG HSG

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_770084-1\_R.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_770084-1\\_R.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_770084-1\\_R.3d\\_stp.zip](#)

English

**3D PDF**

English

**Customer View Model**

[ENG\\_CVM\\_770084-1\\_H.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_770084-1\\_H.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_770084-1\\_H.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

[SOFT\\_SHELL\\_PIN\\_SOCKET\\_CONNECTORS\\_STANDARD\\_DENSITY](#)

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