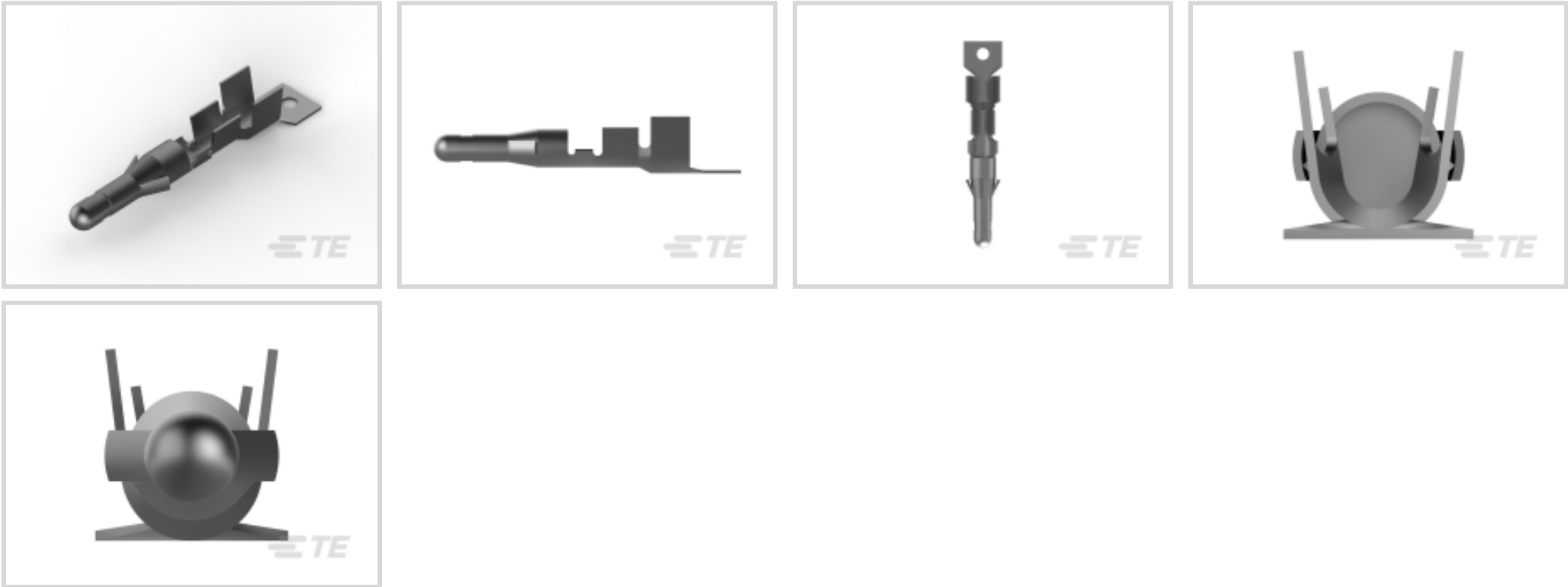




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**  
Contact Mating Area Plating Material: **Tin**  
Wire Contact Termination Area Plating Material: **Pre-Tin**  
Operating Voltage: **250 VAC, 600 VAC**  
Contact Retention Within Housing: **With**

Features

Product Type Features

|                    |          |
|--------------------|----------|
| Discrete Wire Type | Stranded |
|--------------------|----------|

Electrical Characteristics

|                   |                  |
|-------------------|------------------|
| Operating Voltage | 250 VAC, 600 VAC |
|-------------------|------------------|

Contact Features

|                                                       |                  |
|-------------------------------------------------------|------------------|
| Mating Pin Diameter                                   | 2.36 mm[.093 in] |
| Wire Contact Termination Area Plating Thickness       | .4 µm[15.74 µin] |
| Wire Contact Termination Area Plating Material Finish | Matte            |
| Contact Orientation                                   | Straight         |
| Contact Type                                          | Pin              |
| Contact Mating Area Plating Material                  | Tin              |
| Wire Contact Termination Area Plating Material        | Pre-Tin          |
| Contact Retention Within Housing                      | With             |
| Contact Base Material                                 | Brass            |
| Contact Current Rating (Max)                          | 13 A             |



Termination Features

|                                    |              |
|------------------------------------|--------------|
| Termination Method to Wire & Cable | Crimp        |
| Product Terminates To              | Wire & Cable |

Mechanical Attachment

|                                       |               |
|---------------------------------------|---------------|
| Wire Insulation Support               | Without       |
| Contact Retention Type Within Housing | Locking Lance |

Dimensions

|                                      |                        |
|--------------------------------------|------------------------|
| Compatible Insulation Diameter Range | 3.56 mm[.14 in]        |
| Wire Size                            | .5 – 2 mm <sup>2</sup> |

Usage Conditions

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

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

|                                           |         |
|-------------------------------------------|---------|
| Compatible With Agency/Standards Products | CSA, UL |
|-------------------------------------------|---------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 1000 |
| Packaging Method   | Bag  |

Product Compliance

For compliance documentation, visit the product page on TE.com>

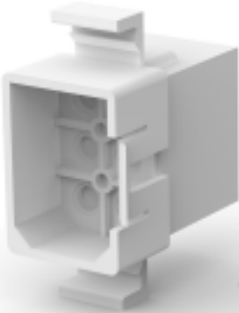
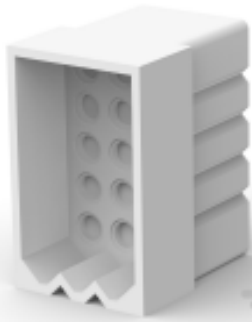
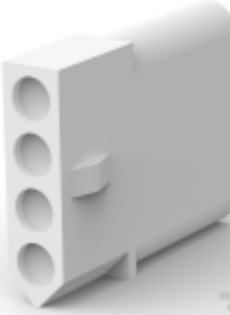
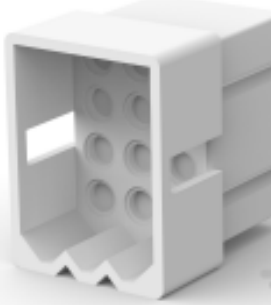
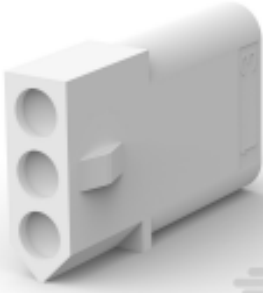
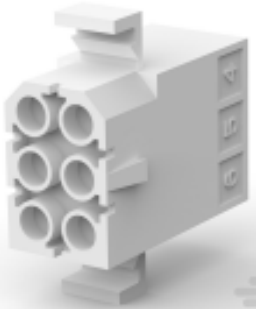
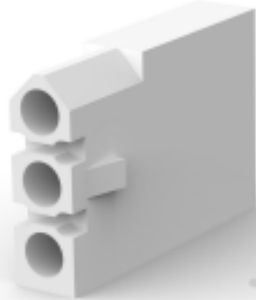
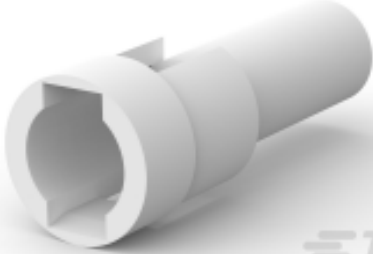
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|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

|                                                                                                                                             |                                                                                                                                            |                                                                                                                                           |                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part # 770096-1<br>09P .093 COMM P&S PLUG         | <br>TE Part # 770373-1<br>06P .093 COMM P&S PLUG .250CL | <br>TE Part # 770107-1<br>15P .093 COMM P&S PLUG     | <br>TE Part # 770361-1<br>06P .093 COMM P&S PLUG .250CL  |
| <br>TE Part # 770075-1<br>04P .093 COMM P&S RECPT HSG    | <br>TE Part # 770276-1<br>03P .093 COMM P&S PLUG .250CL | <br>TE Part # 770102-1<br>12P .093 COMM P&S PLUG     | <br>TE Part # 770070-1<br>03P .093 COMM P&S RECPT HSG    |
| <br>TE Part # 770372-1<br>06P .093 COMM P&S RECPT .250CL | <br>TE Part # 770068-1<br>02P .093 COMM P&S PLUG .248CL | <br>TE Part # 770078-1<br>04P .093 COMM P&S PLUG HSG | <br>TE Part # 770339-1<br>03P .093 COMM P&S RECPT .250CL |
| <br>TE Part # 770064-1<br>01P .093 COMM P&S PLUG HSG     | <br>TE Part # 770071-1<br>03P .093 COMM P&S RECPT HSG   | <br>TE Part # 770074-1<br>03P .093 COMM P&S PLUG HSG | <br>TE Part # 770063-1<br>01P .093 COMM P&S RECPT HSG    |





TE Part # 770065-1  
02P .093 COMM P&S RECPT .248CL



TE Part # 770090-1  
06P .093 COMM P&S PLUG HSG



TE Part # 770424-1  
02P.093 COMM P&S RCPT .248CL



TE Part # 770083-1  
05P .093 COMM P&S RECPT HSG

Also in the Series | Commercial Pin and Socket Connectors



Connector Contacts(41)



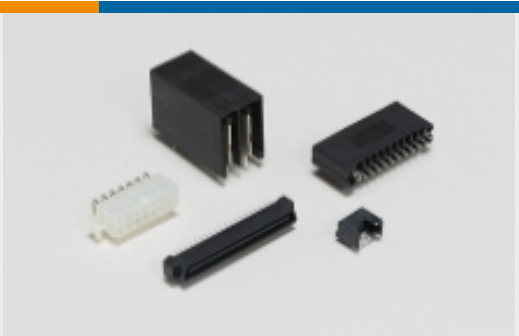
Insertion & Extraction Tools(3)



Rectangular Connector Housings(10)



Rectangular Power Connectors(84)



Standard Rectangular Connectors(1)

Customers Also Bought



TE Part #292206-5  
MINI CT SGL DIP H 5P NAT



TE Part #2058943-4  
Cable Assembly Mini CT 5 pos.



TE Part #770102-1  
12P .093 COMM P&S PLUG



TE Part #770070-1  
03P .093 COMM P&S RECPT HSG



TE Part #770078-1  
04P .093 COMM P&S PLUG HSG



TE Part #770083-1  
05P .093 COMM P&S RECPT HSG



TE Part #350417-1  
.093 COMM P&S SOK 18-24 PTPBR



TE Part #770266-1  
02P .093 COMM P&S RECPT .248CL



Documents

Product Drawings

.093 COMM P&S PIN PTPBR LP

English

CAD Files

Customer View Model

ENG\_CVM\_770145-1\_D.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_770145-1\_D.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_770145-1\_D.2d\_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_770145-1\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_770145-1\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_770145-1\_C.3d\_stp.zip

English

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

Datasheets & Catalog Pages

SOFT\_SHELL\_PIN\_SOCKET\_CONNECTORS\_STANDARD\_DENSITY

English

Product Specifications

Application Specification

English



