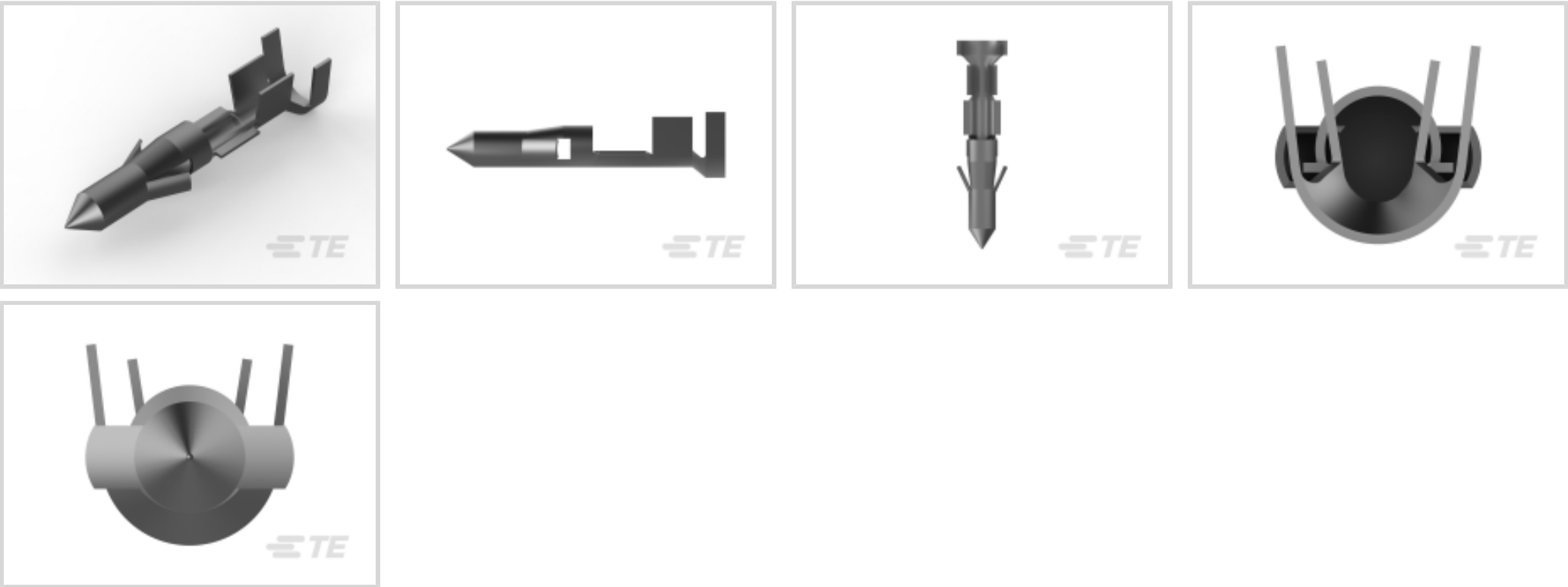




Connectors > Contacts > Connector Contacts



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 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 | 4.06 mm[.16 in]            |
| Wire Size                            | .52 - 2.08 mm <sup>2</sup> |

Usage Conditions

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

Operation/Application

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

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 3750 |
| Packaging Method   | Reel |

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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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

|                                                                                                                                                     |                                                                                                                                                     |                                                                                                                                                     |                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 770096-1<br/>09P .093 COMM P&amp;S PLUG</p>         |  <p>TE Part # 770373-1<br/>06P .093 COMM P&amp;S PLUG .250CL</p> |  <p>TE Part # 770107-1<br/>15P .093 COMM P&amp;S PLUG</p>       |  <p>TE Part # 770361-1<br/>06P .093 COMM P&amp;S PLUG .250CL</p>   |
|  <p>TE Part # 770276-1<br/>03P .093 COMM P&amp;S PLUG .250CL</p> |  <p>TE Part # 770102-1<br/>12P .093 COMM P&amp;S PLUG</p>       |  <p>TE Part # 770070-1<br/>03P .093 COMM P&amp;S RECPT HSG</p> |  <p>TE Part # 770372-1<br/>06P .093 COMM P&amp;S RECPT .250CL</p> |
|  <p>TE Part # 770068-1<br/>02P .093 COMM P&amp;S PLUG .248CL</p> |  <p>TE Part # 770078-1<br/>04P .093 COMM P&amp;S PLUG HSG</p>   |  <p>TE Part # 770782-1<br/>06P .093 COMM P&amp;S RECPT</p>     |  <p>TE Part # 770339-1<br/>03P .093 COMM P&amp;S RECPT .250CL</p> |
|  <p>TE Part # 770064-1<br/>01P .093 COMM P&amp;S PLUG HSG</p>    |  <p>TE Part # 770071-1<br/>03P .093 COMM P&amp;S RECPT HSG</p>  |  <p>TE Part # 770892-1<br/>06P .093 COMM P&amp;S PLUG PL</p>   |  <p>TE Part # 770074-1<br/>03P .093 COMM P&amp;S PLUG HSG</p>     |

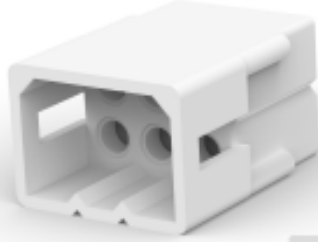




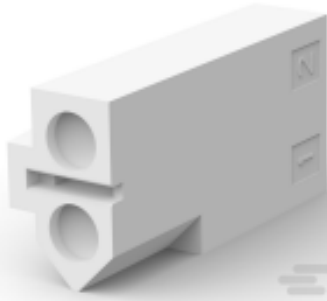
TE Part # 770063-1  
01P .093 COMM P&S RECPT HSG



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

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 # 770068-1  
02P .093 COMM P&S PLUG .248CL



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



TE Part # 794762-1  
12P UMNL CAP HSG WHITE,PAN MNT



TE Part # 770066-1  
02P .093 COMM P&S RECPT .248CL



TE Part # 770529-1  
.093 COMM P&S SOK 14-20 PTPBR



TE Part # 61794-4  
RING 18-14 AWG BR



TE Part # 63933-2  
250 PL MKIII REC. 22-18AWG TPBR



TE Part # 1-2232263-1  
PTL 1X2 CAP PANEL MT HOT WIRE KEY A BLK



Documents

Product Drawings

.093 COMM P&S PIN 14-20 PTPBR

English

CAD Files

Customer View Model

ENG\_CVM\_770530-1\_J.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_770530-1\_J.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_770530-1\_J.2d\_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_770530-1\_N.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_770530-1\_N.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_770530-1\_N.3d\_stp.zip

English

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Datasheets & Catalog Pages

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

English

Product Specifications

Application Specification

English



770530-1

Pin Contact, Tin, 600 VAC / 250 VAC, Locking Lance Contact Retention, 20 - 14 AWG  
Wire Size, Commercial Pin and Socket Connectors

