



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**  
Operating Voltage: **250 VAC, 600 VAC**  
Contact Mating Area Plating Material: **Gold**  
Wire Size: **.5 – 2 mm²**

Features

Product Type Features

|                                    |              |
|------------------------------------|--------------|
| Compatible With Discrete Wire Type | Stranded     |
| Power Contact Type                 | Contact      |
| Connector & Contact Terminates To  | Wire & Cable |

Electrical Characteristics

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

Contact Features

|                                                 |                   |
|-------------------------------------------------|-------------------|
| Contact Mating Area Plating Material            | Gold              |
| Contact Current Rating (Max)                    | 13 A              |
| Contact Type                                    | Socket            |
| Contact Retention Within Housing                | With              |
| Mating Pin Diameter                             | 2.36 mm[.093 in]  |
| Contact Base Material                           | Brass             |
| Contact Mating Area Plating Material Thickness  | .76 µm[30 µin]    |
| Wire Contact Termination Area Plating Thickness | .076 µm[2.99 µin] |
| Wire Contact Termination Area Plating Material  | Gold              |



|                                                       |                 |
|-------------------------------------------------------|-----------------|
| Wire Contact Termination Area Plating Material Finish | Matte           |
| Contact Orientation                                   | Straight        |
| Contact Underplating Material                         | Nickel          |
| Contact Underplating Material Thickness               | 1.27 µm[50 µin] |

Termination Features

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

Mechanical Attachment

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

Dimensions

|                                      |                 |
|--------------------------------------|-----------------|
| Wire Size                            | .5 – 2 mm²      |
| Compatible Insulation Diameter Range | 3.56 mm[.14 in] |

Usage Conditions

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

Operation/Application

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

Industry Standards

|                 |         |
|-----------------|---------|
| Agency/Standard | CSA, UL |
|-----------------|---------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 4000 |
| 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: JUNE 2023 (235)<br>Candidate List Declared Against: JAN 2023 (233)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per                                                                                       |



homogenous material. Also BFR/CFR/PVC Free

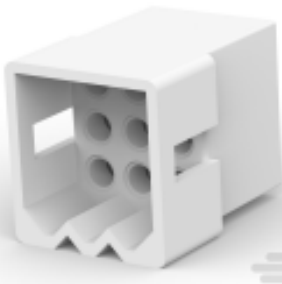
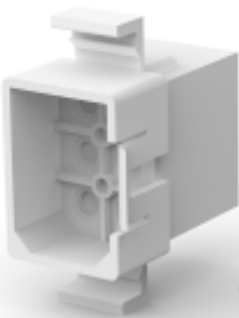
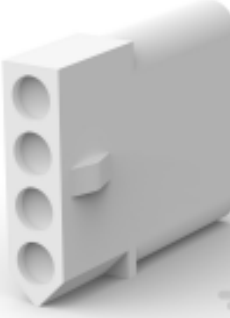
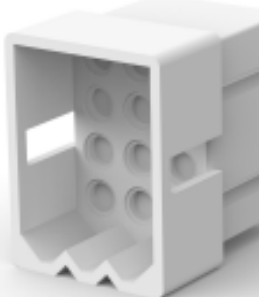
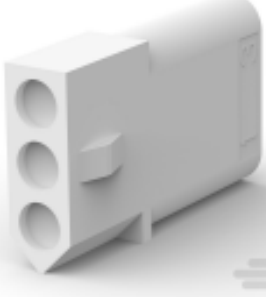
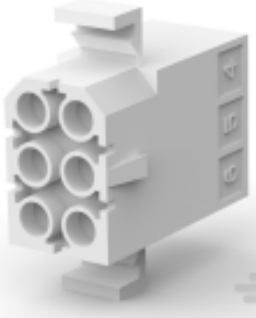
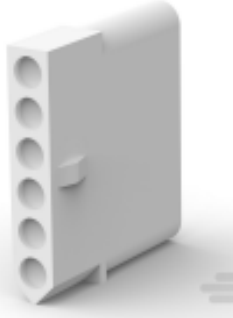
Solder Process Capability

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 # 770075-1<br/>04P .093 COMM P&amp;S RECPT HSG</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>       |



TE Part # 770339-1  
03P .093 COMM P&S RECPT .250CL

TE Part # 770064-1  
01P .093 COMM P&S PLUG HSG

TE Part # 770071-1  
03P .093 COMM P&S RECPT HSG

TE Part # 770892-1  
06P .093 COMM P&S PLUG PL

TE Part # 770074-1  
03P .093 COMM P&S PLUG HSG

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

Also in the Series | Commercial Pin and Socket Connectors

Connector Contacts(2)

Crimp Wire Pins, Tabs & Ferrules(1)

Insertion & Extraction Tools(3)

Power Contacts(39)

Rectangular Connector Housings(10)

Rectangular Power Connectors(84)

Standard Rectangular Connectors(1)

Customers Also Bought

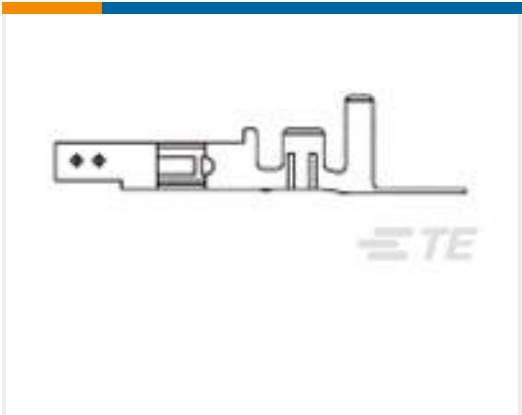
TE Part #2325807-3  
LUMAWISE Z45 LED HOLDER 19X19

TE Part #T4030014041-000  
M8.MLE.PNLREAR.4POS.STR.

TE Part #1393243-4  
RTE24012

TE Part #1744201-1  
EP-II CONTACT LANCELESS, 20-16





TE Part #1586315-3  
VAL-U-LOK SKT PHBZ SN 24-18 LP



TE Part #T4010008041-000  
M8,SCREW, FEMALE,S,UNSHIELD,4P, GOLD



TE Part #0738234002  
MT2000-3.0-0-SP



TE Part #0567954002  
MT5000-1/8-0-SP



TE Part #CM8502-000  
MT5000-3/16-5-SP



TE Part #884086-000  
MT5000-3/16-6-SP

Documents

Product Drawings

[.093 COMM P&S SOK 20-14 AUBR](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG\\_CVM\\_350415-5\\_AL.2d\\_dxf.zip](#)

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Customer View Model

[ENG\\_CVM\\_350415-5\\_AL.3d\\_igs.zip](#)

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Customer View Model

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English



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Datasheets & Catalog Pages  
[SOFT\\_SHELL\\_PIN\\_SOCKET\\_CONNECTORS\\_STANDARD\\_DENSITY](#)  
English

Product Specifications  
[Application Specification](#)  
English

Product Environmental Compliance  
[MD\\_350415-5\\_06122018948\\_dmtec](#)  
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