



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**
Operating Voltage: **600 VDC**
Contact Mating Area Plating Material: **Tin**
Wire Size: **20 – 18 AWG**

Features

Product Type Features

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

Electrical Characteristics

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|-------------------|---------|
| Operating Voltage | 600 VDC |
|-------------------|---------|

Contact Features

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|--|----------------|
| Contact Mating Area Plating Material | Tin |
| Contact Current Rating (Max) | 8 A |
| Contact Type | Receptacle |
| Contact Retention Within Housing | Without |
| Mating Tab Width | 1.5 mm[.06 in] |
| Mating Tab Thickness | .05 mm[.02 in] |
| Contact Base Material | Copper Alloy |
| Wire Contact Termination Area Plating Material | Pre-Tin |
| Contact Orientation | Straight |

Termination Features

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



Mechanical Attachment

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|---------------------------------|-----------|
| Carrier Strip Mount Orientation | Side Feed |
| Wire Insulation Support | With |

Dimensions

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|--------------------------------------|-----------------------------|
| Wire Size | .5 – .8 mm² |
| Compatible Insulation Diameter Range | 1.7 – 2.8 mm[.067 – .11 in] |

Usage Conditions

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|-----------------------------|----------------------------|
| Operating Temperature Range | -30 – 105 °C[-22 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Packaging Features

| | |
|------------------|------|
| Packaging Method | Reel |
|------------------|------|

Product Compliance

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

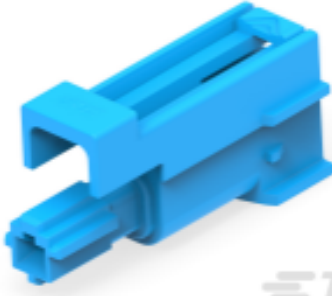
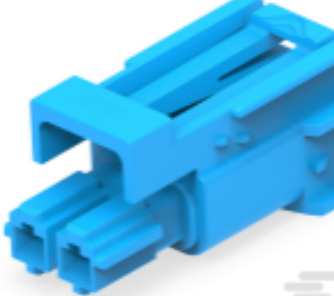
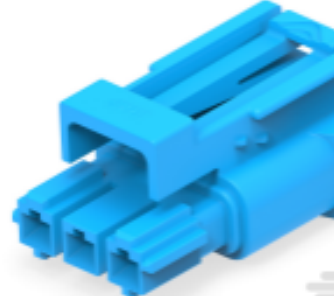
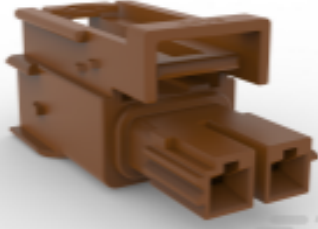

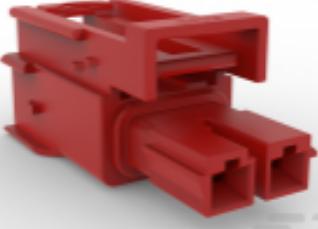
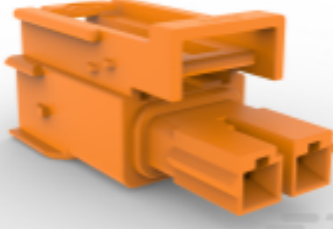
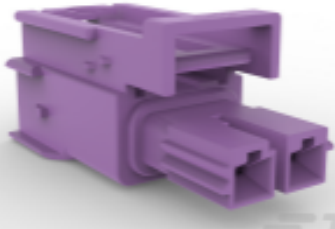
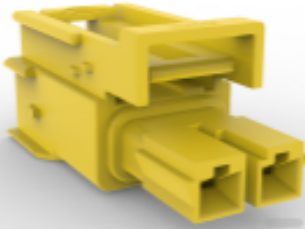
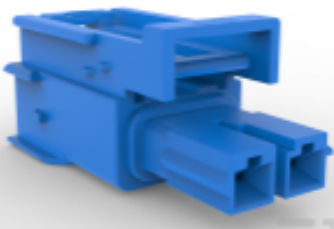
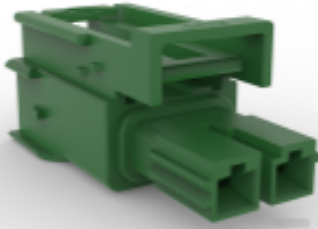
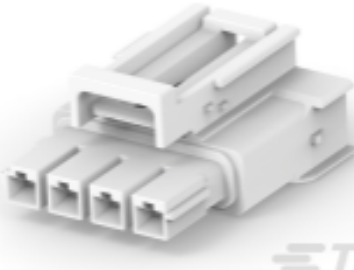
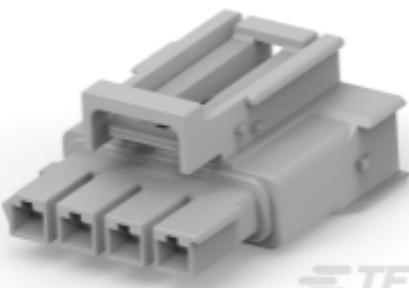
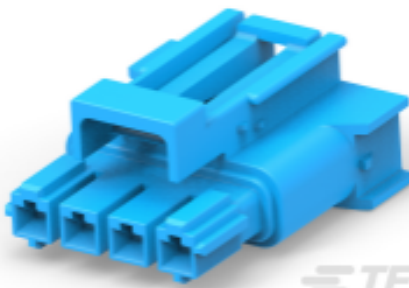


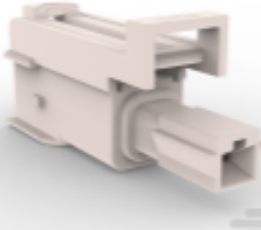
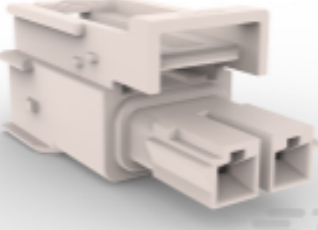
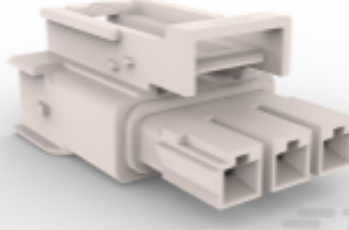

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 reviewed 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 # 1-2381260-1 Power Versa-Lock PLUG, 1X1 KEY A, GWT</p> |  <p>TE Part # 1-2381315-2 Power Versa-Lock PLUG, 1X2 KEY A, GWT</p> |  <p>TE Part # 1-2381315-3 Power Versa-Lock PLUG, 1X3 KEY A, GWT</p> |  <p>TE Part # 3-2378159-2 Power Versa-Lock PLUG, 1X2 KEY C</p> |
|  <p>TE Part # 3-2378159-3 Power Versa-Lock PLUG, 1X3 KEY C</p> |  <p>TE Part # 4-2378159-2 Power Versa-Lock PLUG, 1X2 KEY D</p> |  <p>TE Part # 5-2378159-2 Power Versa-Lock PLUG, 1X2 KEY E</p> |  <p>TE Part # 6-2378159-2 Power Versa-Lock PLUG, 1X2 KEY F</p> |
|  <p>TE Part # 7-2378159-2 Power Versa-Lock PLUG, 1X2 KEY G</p> |  <p>TE Part # 8-2378159-2 Power Versa-Lock PLUG, 1X2 KEY H</p> |  <p>TE Part # 9-2378159-2 Power Versa-Lock PLUG, 1X2 KEY I</p> |  <p>TE Part # 1-2378159-4 Power Versa-Lock PLUG, 1X4 KEY A</p> |
|  <p>TE Part # 2-2378159-4 Power Versa-Lock PLUG, 1X4 KEY B</p> |  <p>TE Part # 1-2381315-4 Power Versa-Lock PLUG, 1X4 KEY A, GWT</p> |  <p>TE Part # 234912-1 EXT TOOL FOR POWER DBL LOK REC</p> |  <p>TE Part # 1-2336229-6 Power Versa-Lock PLUG, 2X3 KEY A</p> |
|  <p>TE Part # 1-2345728-1 Power Versa-Lock PLUG, 1X1 KEY A</p> |  <p>TE Part # 1-2378159-2 Power Versa-Lock PLUG, 1X2 KEY A</p> |  <p>TE Part # 1-2378159-3 Power Versa-Lock PLUG, 1X3 KEY A</p> |  <p>TE Part # 2-2336229-6 Power Versa-Lock PLUG, 2X3 KEY B</p> |



Also in the Series | Power Versa-Lock 5.0

| | | | |
|----------------------------|----------------------------------|-----------------------------------|---------------------------------|
| | | | |
| Connector Caps & Covers(3) | Connector Hardware(5) | Connector Seals & Cavity Plugs(9) | Insertion & Extraction Tools(2) |
| | | | |
| Power Contacts(12) | Rectangular Power Connectors(77) | | |

Customers Also Bought

| | | | |
|--|---|--|--|
| TE Part #794115-3 03P SL156 HSG W/LCK RAMP NATL #2 BLK | TE Part #2-1971773-3 PTL 1X3 PLUG HSG STD TEMP KEY B PUR | TE Part #DRC40-GKT GASKET, 40P, BLK, DRC16 | TE Part #4-2378159-2 Power Versa-Lock PLUG, 1X2 KEY D |
| TE Part #1-2378159-2 Power Versa-Lock PLUG, 1X2 KEY A | TE Part #2-2378158-2 Power Versa-Lock CAP, 1X2 KEY B | TE Part #2-2378159-2 Power Versa-Lock PLUG, 1X2 KEY B | TE Part #2325347-1 Power Versa-Lock INTERFACE SEAL, 1X1 |
| TE Part #2329908-1 Power Versa-Lock SEAL TAB, 18-20 AWG | TE Part #1742583-1 FASTON 312 TAB NPST | | |



Documents

Product Drawings

Power Versa-Lock SEAL RECPT, 18-20 AWG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2329914-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2329914-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2329914-1_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

English