



Connectors > Power Connectors > Power Contacts



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

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Continuous Current Rating	8 A
Operating Voltage	600 VDC

Contact Features

Contact Mating Area Plating Material	Pre-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



Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Carrier Strip Mount Orientation	Side Feed
Connector Mounting Type	Panel Mount
Wire Insulation Support	With

Dimensions

Wire Size	.5 – .8 mm ²
Accepts Wire Insulation Diameter Range	1.7 – 2.8 mm[.067 – .11 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Reel
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Other

Wire/Cable Type	Discrete Wire
Wire Type	Stranded
For Use With	Plug Housing, Rear Seal

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

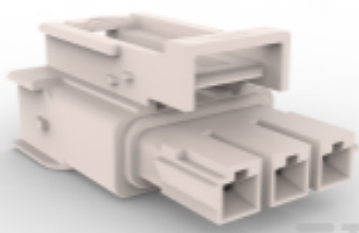
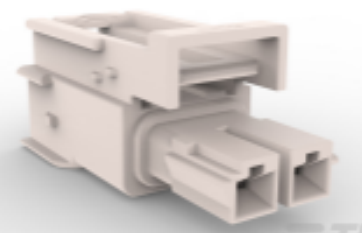
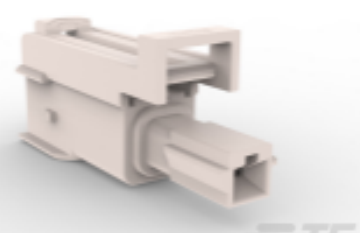
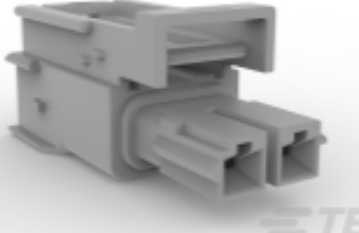
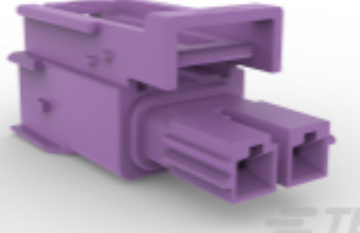
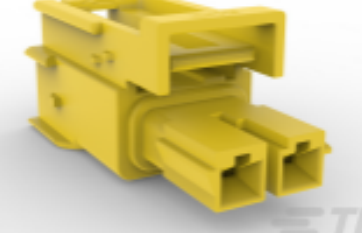
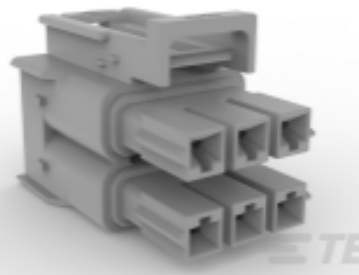
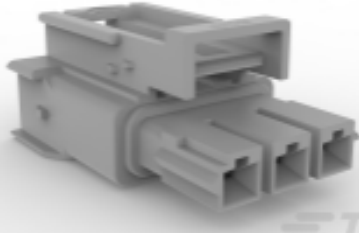
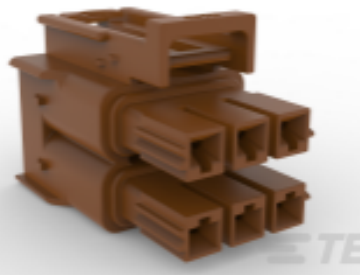
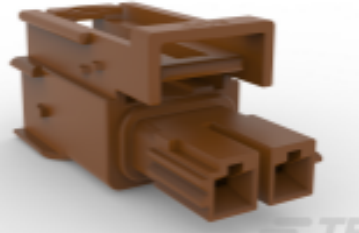
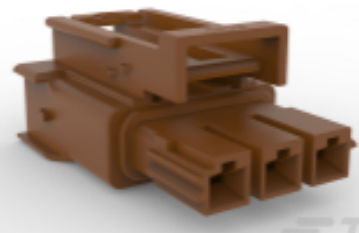
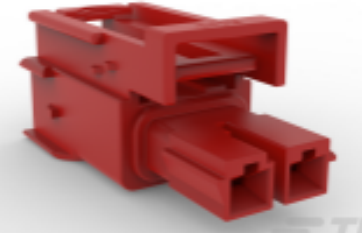
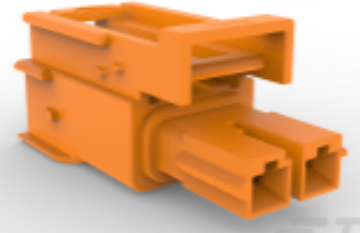
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not 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

 TE Part # 234912-1 EXT TOOL FOR POWER DBL LOK REC	 TE Part # 1-2378159-3 Power Versa-Lock PLUG, 1X3 KEY A	 TE Part # 1-2378159-2 Power Versa-Lock PLUG, 1X2 KEY A	 TE Part # 1-2345728-1 Power Versa-Lock PLUG, 1X1 KEY A
 TE Part # 2-2378159-2 Power Versa-Lock PLUG, 1X2 KEY B	 TE Part # 6-2378159-2 Power Versa-Lock PLUG, 1X2 KEY F	 TE Part # 7-2378159-2 Power Versa-Lock PLUG, 1X2 KEY G	 TE Part # 1-2336229-6 Power Versa-Lock PLUG, 2X3 KEY A
 TE Part # 2-2336229-6 Power Versa-Lock PLUG, 2X3 KEY B	 TE Part # 2-2378159-3 Power Versa-Lock PLUG, 1X3 KEY B	 TE Part # 2837357-1 OCEAN_2.0_Applicator-S-070F114O	 TE Part # 3-2336229-6 Power Versa-Lock PLUG, 2X3 KEY C
 TE Part # 3-2378159-2 Power Versa-Lock PLUG, 1X2 KEY C	 TE Part # 3-2378159-3 Power Versa-Lock PLUG, 1X3 KEY C	 TE Part # 4-2378159-2 Power Versa-Lock PLUG, 1X2 KEY D	 TE Part # 5-2378159-2 Power Versa-Lock PLUG, 1X2 KEY E



TE Part # 7-2837357-1
OCEAN_2.0_Applicator-S-070F114O

TE Part # 7-2837357-2
OCEAN_2.0_Applicator-S-070F114OA

TE Part # 7-2837357-7
OCEAN_2.0_SPARE_PART_KIT-070F114O

TE Part # 8-2378159-2
Power Versa-Lock PLUG, 1X2 KEY H 070F114O

Also in the Series | Power Versa-Lock 5.0

Insertion & Extraction Tools(2)

Power Contacts(8)

Rectangular Caps & Covers(3)

Rectangular Connector Locking(1)

Rectangular Connector Seals(6)

Rectangular Power Connectors(33)

Customers Also Bought

TE Part #1213068-6
CRIMPER, WIRE

TE Part #2-520102-2
ULTRA-FAST 250 ASSEMBLY TAB 22-18 AWG BR

TE Part #157431-1
250 FASTON,TAB ASSY,BR

TE Part #2-520263-2
ULTRA-FAST 250 ASY REC 22-18 TPBR

TE Part #2325347-1
Power Versa-Lock INTERFACE SEAL, 1X1

TE Part #2325347-2
Power Versa-Lock INTERFACE SEAL, 1X2

TE Part #1742550-1
250 FASTON,TAB,20-15 AWG,NPST

TE Part #1742583-1
FASTON 312 TAB NPST



TE Part #2161670-1
KIT, CQM-II, 3K/5K TERM., EMEA

TE Part #8-2332040-2
Power Versa-Lock PLUG, 1X2 KEY H

Documents

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

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

Product Specifications

Engineering Report

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

English