

1445995-1 ✓ ACTIVE

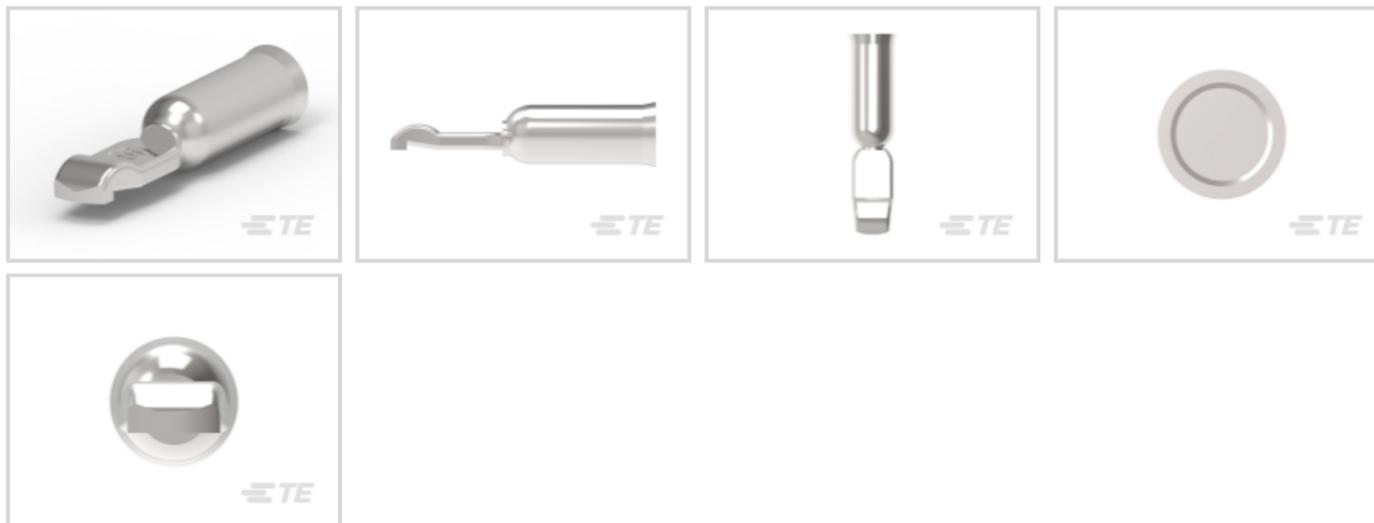


TE Internal #: 1445995-1

Power Contacts, Contact, 600 VAC, 600 VDC, Silver, 2 AWG Wire Size, 34 – 35 mm² Wire Size, 67100 – 69073 CMA Wire Size, Wire-to-Wire, Wire & Cable

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **600 VDC**

Contact Mating Area Plating Material: **Silver**

Wire Size: **2 AWG**

Features

Product Type Features

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

Electrical Characteristics

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

Contact Features

Contact Mating Area Plating Material	Silver
Contact Current Rating (Max)	120 A
Contact Type	Tab
Contact Retention Within Housing	With
Mating Tab Width	10.6 mm[.417 in]
Mating Tab Thickness	4.85 mm[.191 in]
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	1.27 μm[50 μin]
Wire Contact Termination Area Plating Thickness	50 μm[1.27 μin]



Wire Contact Termination Area Plating Material	Silver
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	50 µm[1.27 µin]
Barrel Type	Closed Barrel

Termination Features

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

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Dimensions

Wire Size	67100 – 69073 CMA
-----------	-------------------

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
-----------------------------	----------------------------

Operation/Application

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

Industry Standards

Agency/Standard	UL
UL Rating	Recognized
UL Flammability Rating	UL 94V-0
UL File Number	E28476

Packaging Features

Packaging Method	Loose Piece
Packaging Quantity	1

Other

Wire/Cable Type	Discrete Wire
Wire Type	Stranded

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2022
(224)Candidate List Declared Against: JAN 2022
(223)

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>

Documents

Product Drawings

[CONTACT, 120 PWR PROD,2AWG](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1445995-1_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1445995-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1445995-1_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED](#)

English



[2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1](#)

English

[Product Specifications](#)

[Application Specification](#)

English

[Agency Approvals](#)

[Agency Approval Document](#)

English