

1445996-1 ✓ ACTIVE

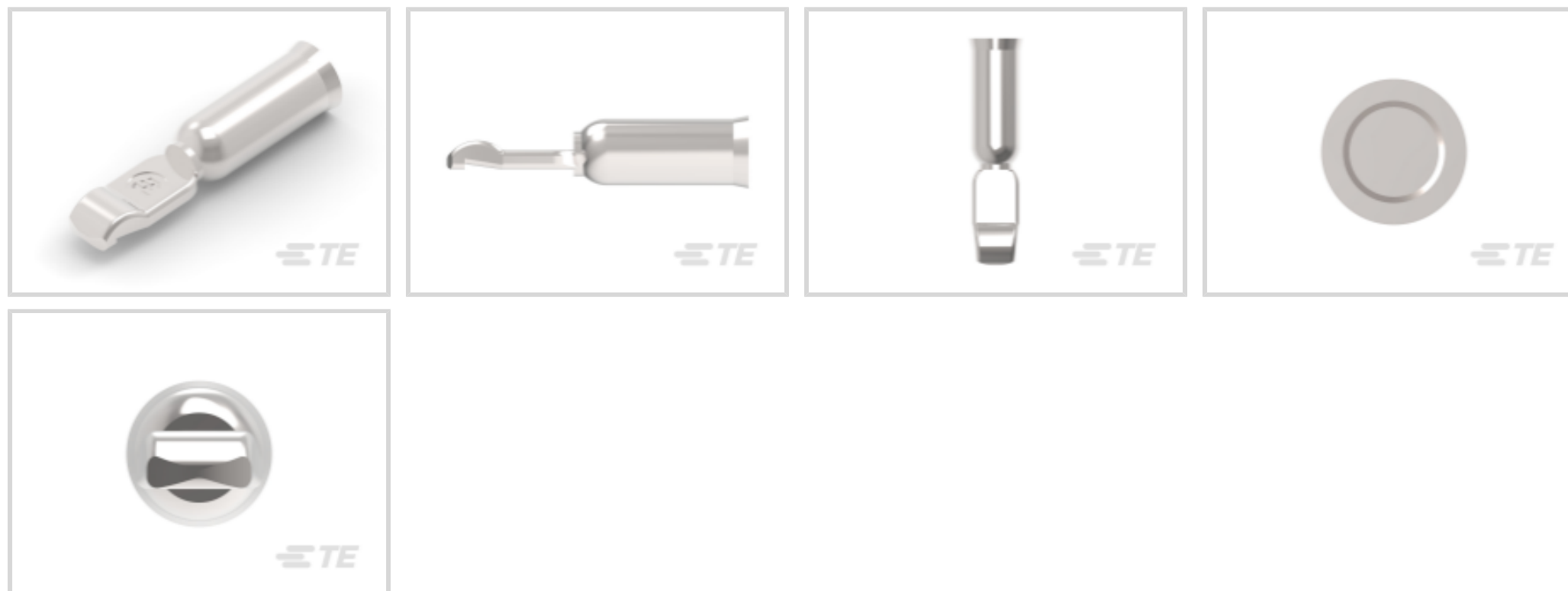
TE Internal #: 1445996-1

Power Contacts, Contact, Operating Voltage 600 VAC, Operating Voltage 600 VDC, Silver, 4AWG Wire Size, 21mm² Wire Size, 41444CMA Wire Size

[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: **4 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
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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 Material 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
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Dimensions

Wire Size	41444 CMA
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Usage Conditions

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

Circuit Application	Power
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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	500

Other

Wire/Cable Type	Discrete Wire
Wire Type	Stranded

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: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
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



TE Part # 1445999-1
120A PWR PROD KIT, 4 AWG, GRAY



TE Part # 1445999-2
AMP Power 120A Con KIT, 4 AWG, BLUE


Customers Also Bought



TE Part # 1445534-1
MINI CPC



TE Part # 1445995-1
CONTACT, 120 PWR PROD, 2AWG



TE Part # 1445994-1
120A HSG SUBASY, GRAY



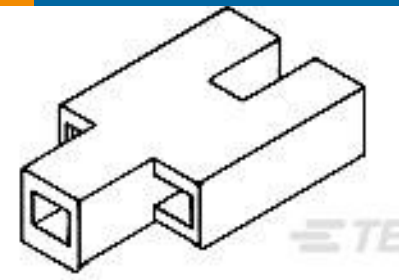
TE Part # 1445997-1
CONTACT, 120 PWR PROD, 6 AWG



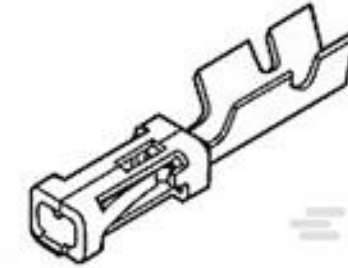
TE Part #1604001-2
120A SGL POLE HSG SUBASY, BLACK



TE Part #YDTS26W13-98PNV001
D38999: Straight Plug, 13-98 Insert



TE Part #1380145-1
CLUSTER BLOCK HSG. .090 DIA.



TE Part #103455-2
MOD V RECP LP



TE Part #1604001-1
120A SGL POLE HSG SUBASY, BLUE

Documents

Product Drawings

[CONTACT, 120 PWR PROD, 4 AWG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1445996-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1445996-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1445996-1_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

1445996-1

Power Contacts, Contact, Operating Voltage 600 VAC, Operating Voltage 600 VDC,
Silver, 4AWG Wire Size, 21mm² Wire Size, 41444CMA Wire Size



Product Environmental Compliance

TE Material Declaration

English