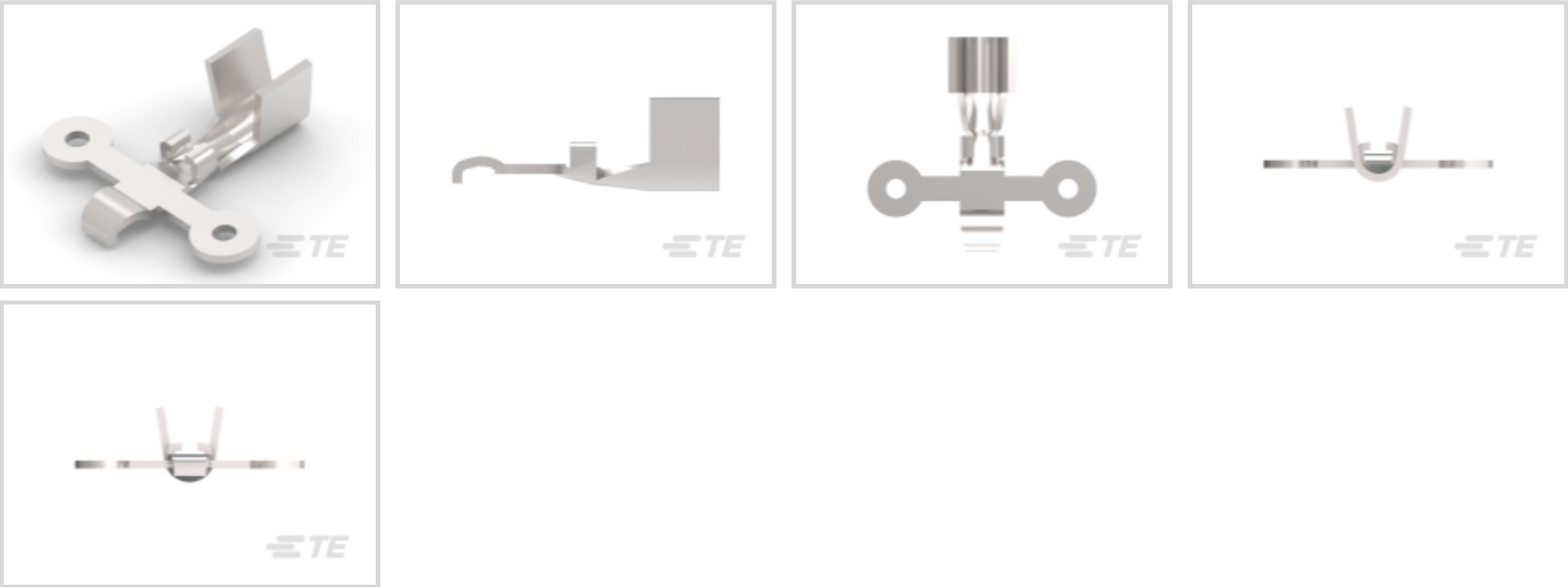




Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Silver**

Wire Contact Termination Area Plating Material: **Silver**

Operating Voltage: **600 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Mating Tab Width	3.58 mm[.141 in]
Mating Tab Thickness	.64 mm[.025 in]
Contact Underplating Material Thickness	50 µm[1.27 µin]
Wire Contact Termination Area Plating Thickness	200 µm[5.08 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	5.08 µm[200 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Barrel Type	Open
Contact Type	Receptacle
Contact Mating Area Plating Material	Silver



Wire Contact Termination Area Plating Material	Silver
Contact Retention Within Housing	With
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	45 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Dimensions

Wire Size	3831 – 12066 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

Compatible With Agency/Standards Products	UL
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	3000
Packaging Method	Reel

Product Compliance

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

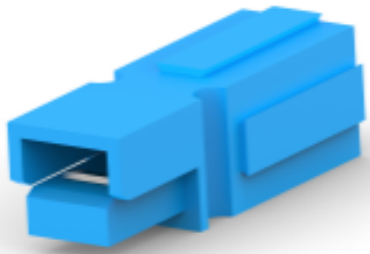
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does 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 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 # 1445957-1
HSG SUB ASY,BLUE

Customers Also Bought



TE Part #5177986-5
0.8FH,P05H.5,120,08/Sn,TR,SC



TE Part #1445957-5
HSG SUB ASY,RED



TE Part #4-640427-0
10P MTA156 CONN ASSY 20AWG YEL



TE Part #3-640427-2
02P MTA156 CONN ASSY 20AWG YEL



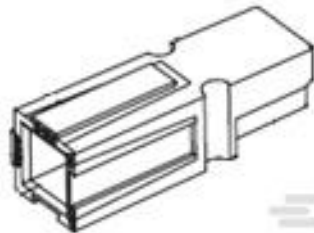
TE Part #1445957-2
HSG SUB ASY,BLACK



TE Part #1445957-4
HSG SUB ASY,GREEN



TE Part #1445957-6
HSG SUB ASY,YELLOW



TE Part #1604079-1
HSG,2X4 POWER PROD RECPT



Documents

Product Drawings

CONT,45A PWR PROD,STRIP,SILVER

English

CAD Files

Customer View Model

ENG_CVM_CVM_1445962-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1445962-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1445962-1_B.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

Application Specification

English

Agency Approvals

Agency Approval Document

English