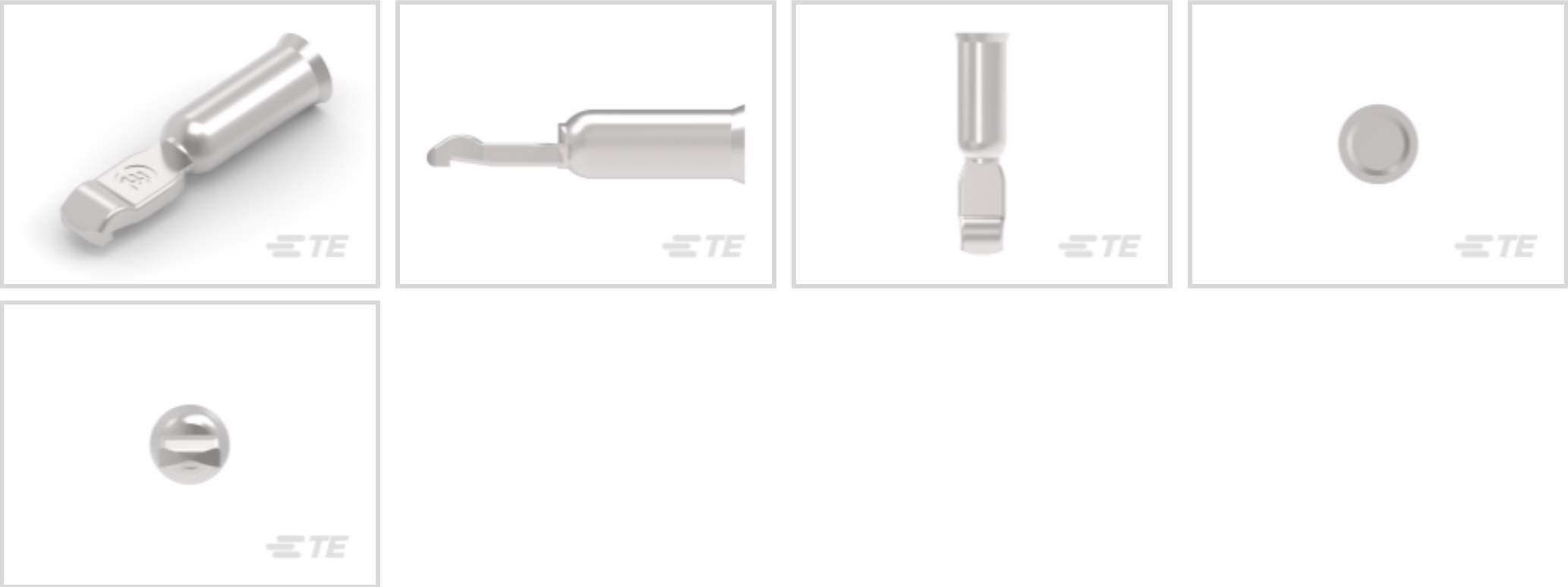




TE Internal #: 1604041-1
Silver (Ag), Tab Contact, 1 AWG, 600 VAC, 600 VDC, 40 – 41 mm²
Wire, 78941 – 80915 CMA, Crimp, Copper Alloy, Power, -40 – 105 °C [-40 – 221 °F]
[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Tab**
Contact Mating Area Plating Material: **Silver (Ag)**
Wire Contact Termination Area Plating Material: **Silver**
Operating Voltage: **600 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
--------------------	----------

Electrical Characteristics

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

Contact Features

Barrel Type	Closed
Contact Type	Tab
Contact Mating Area Plating Material	Silver (Ag)
Wire Contact Termination Area Plating Material	Silver
Contact Retention Within Housing	With
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	180 A
Mating Tab Width	12.7 mm[.5 in]
Mating Tab Thickness	6 mm[.236 in]
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]



Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	50 µm[1.27 µin]

Termination Features

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

Dimensions

Wire Size	78941 – 80915 CMA
-----------	-------------------

Usage Conditions

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

Operation/Application

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

Industry Standards

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

Packaging Features

Packaging Quantity	500
Packaging Method	Bag

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 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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>

Customers Also Bought

TE Part #634051-000
202K121-25/225-0

TE Part #DT16-18SA-K004
PLG, 18P, BLK, E, A

TE Part #4-1393224-2
RY211005

TE Part #3-1437290-7
26POS,SUPERSEAL,REC HSG ASSY, SLD,COD 1

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

TE Part #3-1447221-4
S/S REC CONTACT ASSY, AU, 0.5

TE Part #2-2176230-7
3522 120R 5% 3W

TE Part #2227730-1
zSFP+ 1x4 Cage Assembly, Press-Fit

TE Part #2364698-2
AVH25 FLT SS LK NO LED 16A

TE Part #2389807-1
STRAIN RELIEF,35 POSITION AMPSEAL

Documents

Product Drawings
CONTACT,175A/180A,#1 AWG,L/P
English

CAD Files
Customer View Model



[ENG_CVM_CVM_1604041-1_A.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1604041-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1604041-1_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

Product Specifications

[Engineering Report](#)

English