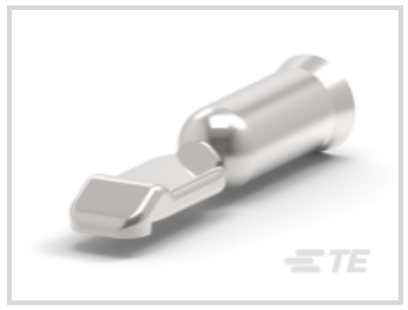
647879-1 ✔ ACTIVE

TE Internal #: 647879-1

Silver (Ag), Tab Contact, 12 – 10 AWG, 600 VAC, 600 VDC, 3.085 – 6.114 mm² Wire, 6088 – 12066 CMA, Crimp, Copper Alloy, Power

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)	50 A
Mating Tab Width	7.11 mm[.28 in]
Mating Tab Thickness	3.35 mm[.131 in]
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material Finish	Matte

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	6088 – 12066 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	1000
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

Compatible Parts



TE Part # 647845-3
SERIES 50 HOUSING,RED

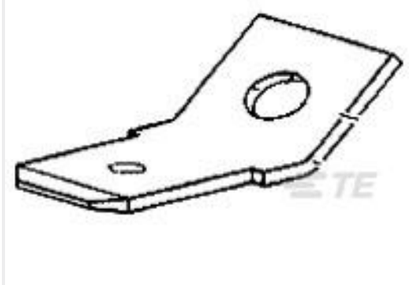
Customers Also Bought



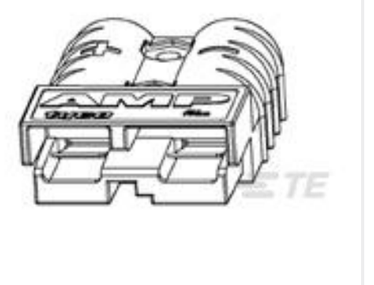
TE Part #1060-16-0677
PIN, SF, SIZE 16, 16-20, SN/SN



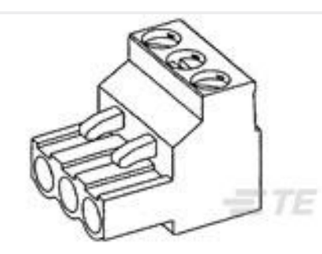
TE Part #803760-SF
FN9222R-3-06



TE Part #60465-1
250 FASTON TAB BR



TE Part #647845-5
SERIES 50 HOUSING,BLUE



TE Part #796696-4
TERMI-BLOK PLUG STACKING 4POS.



TE Part #6-1393030-2
SSRF-240D25 =SIP MODULE,25A, 240VAC-INT H



TE Part #3-1676481-4
CPF 0603 130R 0.1% 25PPM 1K RL



TE Part #CAT-C8114-P2
CORCOM P SERIES MULTI-FUNCTION INLET FIL

TE Part #86508-000
FLCS-01 LIQUID LEVEL SENSOR

Documents

Product Drawings

SERIES 50&75 CONTACT,10-12 AWG

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_647879-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_647879-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_647879-1_A.2d_dxf.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

Application Specification

English

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

Agency Approval Document

English