54489-2 ✔ ACTIVE

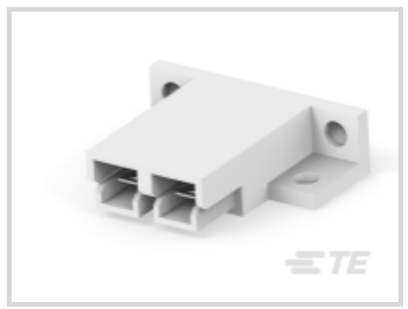
AMP

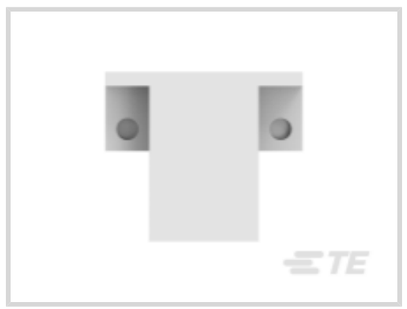
TE Internal #: 54489-2

2 Position, Plug / Receptacle, Housing, Crimp & Solder, Wire-to-Panel / Wire-to-Wire, UL 94V-0, 7.92 mm [.312 in] Centerline, 1 Row, 600 VAC

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Connector & Housing Type: **Plug, Receptacle**

Termination Method to Wire & Cable: **Crimp & Solder**

Connector System: **Wire-to-Panel, Wire-to-Wire**

Contact Retention Within Housing: **With**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug, Receptacle
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1
Number of Power Positions	2
Number of Signal Positions	0

Electrical Characteristics

Operating Voltage	600 VDC

Contact Features

Contact Retention Within Housing	With

Contact Type	Blade
Contact Current Rating (Max)	53 A

Termination Features

Termination Method to Wire & Cable	Crimp & Solder

Mechanical Attachment

Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	7.92 mm[.312 in]
Housing Material	Nylon

Dimensions

Connector Width	28.55 mm[1.124 in]
Connector Height	7.92 mm[.312 in]
Connector Length	24.51 mm[.965 in]
Wire Size	10 – 6 AWG

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Circuit Application	Power

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	Certified, LR 7189
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	200
Packaging Method	Bag

Product Compliance

For compliance documentation, visit the product page on TE.com>

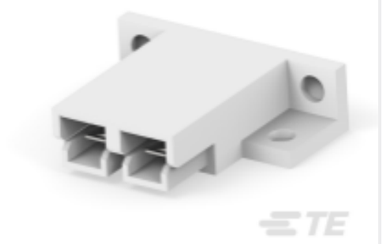
EU RoHS Directive 2011/65/EU	Compliant

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 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

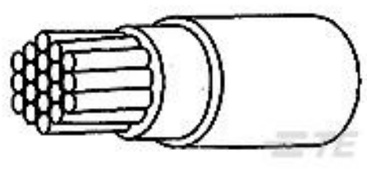
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 54489-2
HSG ASSY,PWR LK,SRS1,2POS,FLNG

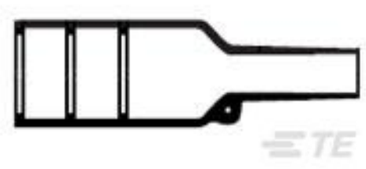
Customers Also Bought



TE Part #8090253001
FLT0111-0.75-2



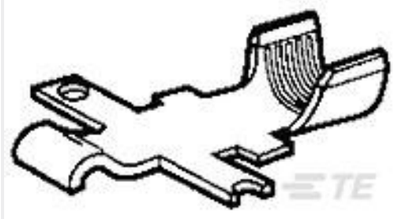
TE Part #CONSMA012-R178
SMA Plug 50 Ohm Cable Crimp



TE Part #878498-000
202K163-25-0



TE Part #33468
TERMINAL,SOLIS R 4 10



TE Part #53892-4
CONTACT,PWR LK,SRS1,LS PC,CRMP



TE Part #926893-1
UNIV.M-N-L.SOCKET CONTACT

Documents

Product Drawings

HSG ASSY,PWR LK,SRS1,2POS,FLNG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_54489-2_L.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_54489-2_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_54489-2_L.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_54489-2_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_54489-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_54489-2_E.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English

Application Specification

Japanese

Power-Lock 75 Series Contacts

Japanese

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

Agency Approval Document

English