53894-1 ✔ ACTIVE

AMP

TE Internal #: 53894-1

1 Position, Plug / Receptacle, Housing, Crimp & Solder, Wire-to-Wire, UL 94V-2, 1 Row, 600 VAC, Wire & Cable, Power, Panel Mount

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-Wire**

Contact Retention Within Housing: **With**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Operating Voltage	600 VDC

Body Features

Primary Product Color	White

Contact Features

Contact Retention Within Housing	With
Contact Type	Blade
Contact Current Rating (Max)	31 A

Termination Features

Termination Method to Wire & Cable	Crimp & Solder

Mechanical Attachment

Connector Mounting Type	Panel Mount

Housing Features

Housing Material	Polycarbonate

Dimensions

Connector Width	8.05 mm[.317 in]
Connector Height	8.05 mm[.317 in]
Connector Length	24.71 mm[.973 in]
Wire Size	.8 – 3 mm^2

Usage Conditions

Operating Temperature Range	-40 – 75 °C[-40 – 167 °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-2

Packaging Features

Packaging Quantity	200
Packaging Method	Loose Piece

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	Not Low Halogen - contains Br or Cl > 900 ppm.
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

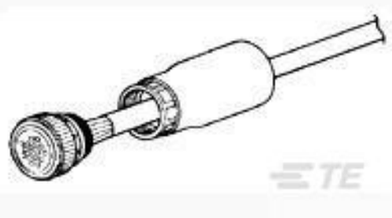


TE Part # 54326-2
CONTACT,PWR LK,SRS1,LS PC,PSTD

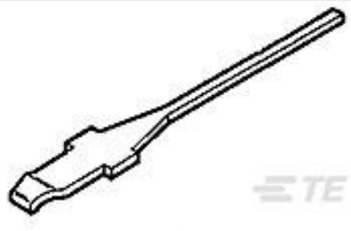


TE Part # 54326-1
CONTACT,PWR LK,SRS1,LS PC,PSTD

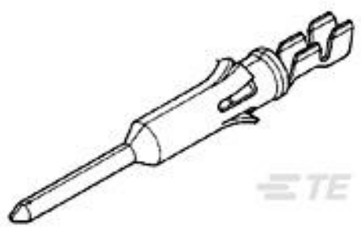
Customers Also Bought



TE Part #54011-3
CPC STRAIN RELIEF,SIZE 17



TE Part #54326-2
CONTACT,PWR LK,SRS1,LS PC,PSTD



TE Part #66579-2
TYPE VI PIN CONT,MULTI-MATE



TE Part #206426-1
CPC PLUG ASSEMBLY SIZE 17-3



TE Part #211103-1
CPC RECPT ASSEMBLY 17-14



TE Part #1-640251-8
18P SL156 HSG W/O LCK RAMP



TE Part #1838274-2
M12 Fld Ser CONN. Female Skt Sldr



TE Part #1838274-3
M12 Fld Ser CONN. Female Skt S



TE Part #1838275-2
M12 Fld Ser CONN. Male Pin Sld



TE Part #6609104-7
PE0SSSSX0=C1132

Documents

Product Drawings

HSG ASSY,PWR LK,SRS1,1 POS,WHT

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_53894-1_L.3d_igs.zip

English

Customer View Model

ENG_CVM_53894-1_L.3d_stp.zip

English

Customer View Model

ENG_CVM_53894-1_L.2d_dxf.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