

53894-2 ✓ ACTIVE

AMP

TE Internal #: 53894-2

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
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Body Features

Primary Product Color	Black
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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
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Mechanical Attachment

Connector Mounting Type	Panel Mount
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Housing Features

Housing Material	Polycarbonate
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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]
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Operation/Application

Circuit Application	Power
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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	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	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



Customers Also Bought





TE Part #1-172165-2
2CIR MINI U-M-N-L PLUG RED



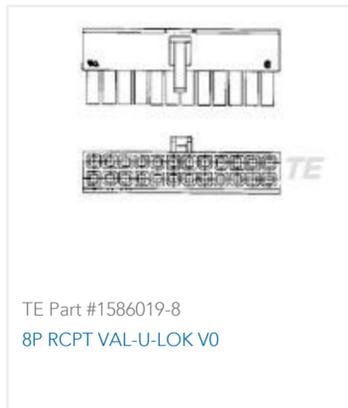
TE Part #324082
TERMINAL,T-N R 8 1/4



TE Part #640917-2
RECEPT,PIDG FASTON 22-18 187



TE Part #2-1393254-5
W91-X112-20=M6/M7/M9/W6/W7



TE Part #1586019-8
8P RCPT VAL-U-LOK V0



TE Part #5499910-5
A/L UNIV HDR 24P VERT SHT LAT

Documents

Product Drawings

[HSG ASSY,PWR LK,SRS1,1 POS,BLK](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_53894-2_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_53894-2_L.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_53894-2_L.2d_dxf.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[ampinergy-catalog](#)

English

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