

53894-1 ✓ ACTIVE

AMP

TE Internal #: 53894-1

Rectangular Power Connectors, Housing, Receptacle / Plug, Wire-to-Wire, 1 Position, Wire & Cable, UL 94V-2, Power, Panel Mount

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

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

Connector System: **Wire-to-Wire**

Number of Positions: **1**

Sealable: **No**

Features

Product Type Features

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

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

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

Termination Method to Wire & Cable	Crimp & Solder
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Wire/Cable Type	Discrete Wire
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Mechanical Attachment

Connector Mounting Type	Panel Mount
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Housing Features

Housing Color	White
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Housing Material	Polycarbonate
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Dimensions

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

CSA Rating	Certified
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UL Flammability Rating	UL 94V-2
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Agency/Standard Number	E28476
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Agency/Standard	CSA, UL
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UL Rating	Recognized
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CSA File Number	LR7189
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VDE Tested	No
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Packaging Features

Packaging Method	Loose Piece
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Packaging Quantity	200
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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



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

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Product Specifications

[Application Specification](#)

English

[Application Specification](#)

Japanese

[Power-Lock 75 Series Contacts](#)

Japanese

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[Agency Approval Document](#)

English