556881-2 - ACTIVE

AMP

TE Internal #: 556881-2 Rectangular Power Connectors, Connector Assembly, Receptacle, Wire-to-Board, 2 Position, .44 in [11.18 mm] Centerline, Printed Circuit Board, UL 94V-0

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: Connector Assembly Connector & Housing Type: Receptacle

Connector System: Wire-to-Board

Number of Positions: 2

Centerline (Pitch): 11.18 mm [.44 in]

Features



Product Type Features

Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Number of Positions	2
PCB Mount Orientation	Vertical
Number of Power Positions	2
Number of Signal Positions	0
Number of Rows	1
Electrical Characteristics	
Operating Voltage	600 VDC
Contact Features	

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Contact Layout	Inline
Contact Shape & Form	Dual Beam
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	35 A
Contact Retention Within Housing	With
Contact Type	Tab
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	3.81 μm[150 μin]
Contact Termination Area Plating Thickness	2.54 μm[100 μin]
Termination Features	
Termination Post & Tail Length	4.9 mm[.193 in]
Termination Method to Printed Circuit Board	Through Hole - Solder
Wire Type	Stranded
Mechanical Attachment	
Mating Alignment Type	Polarization
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Ears
Connector Mounting Type	Board Mount
Mating Retention	With
Mating Retention Type	Latch
Housing Features	
Centerline (Pitch)	11.18 mm[.44 in]
Housing Color	Black
Housing Material	Polyphenylene Sulfide (PPS)
Dimensions	
PCB Thickness (Recommended)	1.57 – 3.18 mm[.062 – .125 in]
Width	19.3 mm[.76 in]
Height	12.7 mm[.5 in]
Length	46.74 mm[1.84 in]

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Usage Conditions

Operating Temperature Range	0-105 °C[32-221 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
CSA Rating	Certified
UL Flammability Rating	UL 94V-0
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR 7189
VDE Tested	No
Packaging Features	
Packaging Method	Box
Packaging Quantity	100
Other	

Product Compliance

For Use With

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

Header

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

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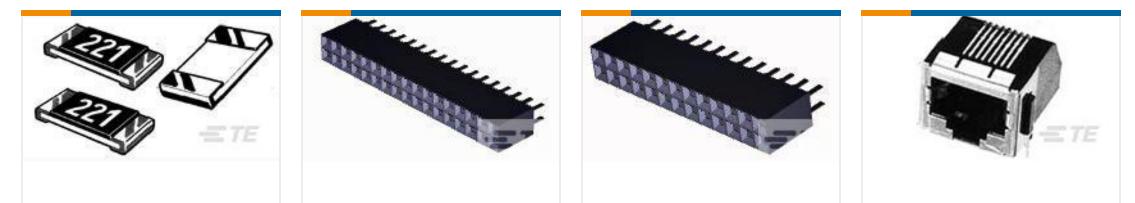
chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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-onreach

Compatible Parts



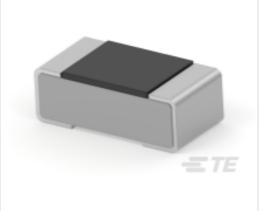
TE Part # 556879-2 PLUG HSG,AMPINNERGY WTB,2 POS

Customers Also Bought



TE Part #3-2176230-8 3522 1K0 5% 3W TE Part #6-534206-7 34 MODII VRT DR CE 100/115

TE Part #6-534206-3 26 MODII VRT DR CE 100/115 TE Part #5555153-6 MJ,LPF,R/A,8P,PCBG,PSTP.09TTR



TE Part #2176338-5 CRGCQ 0402 4R7 5%



TE Part #5-1571552-0 DIP Socket: Standard, Stamped & Formed, Open, Gold







Documents

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Product Drawings RCPT ASY,VRT,AMPINRGY WTB,2POS

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_556881-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_556881-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_556881-2_D.3d_stp.zip

English

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

Datasheets & Catalog Pages 1654742_HOUSEHOLD_APPLIANCES_RAST5

English

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