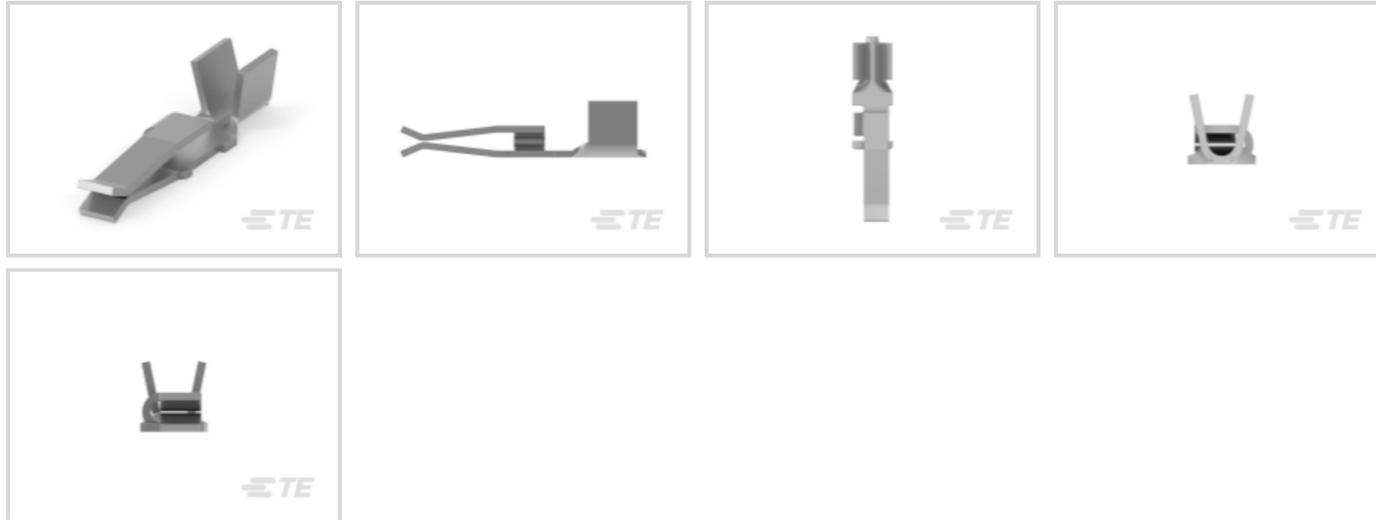




Connectors > Rectangular Connectors > Connector Contacts



Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Tin**

Operating Voltage: **600 VDC**

## Features

### Product Type Features

Discrete Wire Type	Stranded
Barrel Type	Open Barrel
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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### Electrical Characteristics

Operating Voltage	600 VDC
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### Contact Features

Contact Termination Area Plating Thickness	2.54 $\mu$ m[100 $\mu$ in]
Contact Mating Area Plating Thickness	2.54 $\mu$ m[100 $\mu$ in]
Contact Shape & Form	Dual Beam
Contact Length	27 mm[1.063 in]
Contact Type	Receptacle



Contact Mating Area Plating Material	Tin
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Wire Contact Termination Area Plating Material	Tin
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Contact Retention Within Housing	With
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Contact Base Material	Copper Alloy
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Contact Current Rating (Max)	30 A
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### Termination Features

Termination End Plating Material	Tin
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Termination End Plating Thickness	2.54 $\mu\text{m}$ [100 $\mu\text{in}$ ]
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Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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### Dimensions

Wire Size	6530 – 10383 CMA
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### Usage Conditions

Operating Temperature Range	0 – 105 $^{\circ}\text{C}$ [32 – 221 $^{\circ}\text{F}$ ]
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### Operation/Application

Wire Material Type	Copper
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Circuit Application	Power
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### Industry Standards

UL Rating	Recognized
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UL Flammability Rating	UL 94V-0
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Agency/Standard	UL
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	
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Current ECHA Candidate List: JUNE 2022  
(224)

Candidate List Declared Against: JUNE  
2022 (224)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 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



## Documents

### Product Drawings

[CONT,AMPINNRGY WTB,LS PC,10-12](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_556880-1\\_J.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_556880-1\\_J.3d\\_igs.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_556880-1\\_J.3d\\_stp.zip](#)

English

**3D PDF**

English

**Customer View Model**

[ENG\\_CVM\\_556880-1\\_C.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_556880-1\\_C.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_556880-1\\_C.3d\\_stp.zip](#)

English

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

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**Datasheets & Catalog Pages**

[1654742\\_HOUSEHOLD\\_APPLIANCES\\_RAST5](#)

English

[POWER\\_CONNECTORS\\_CATALOG\\_SEC02\\_CABLE\\_MOUNTED](#)

English

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**Product Specifications**

[Application Specification](#)

English

[Application Specification](#)

English

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**Product Environmental Compliance**

[MD\\_556880-1\\_10112017436\\_dmtec](#)

English

[MD\\_556880-1\\_10112017436\\_dmtec](#)

English

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**Instruction Sheets**

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

English

[Inspection of AMPINNERGY System Power Contacts](#)

English

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**Agency Approvals**

[Agency Approval Document](#)

English