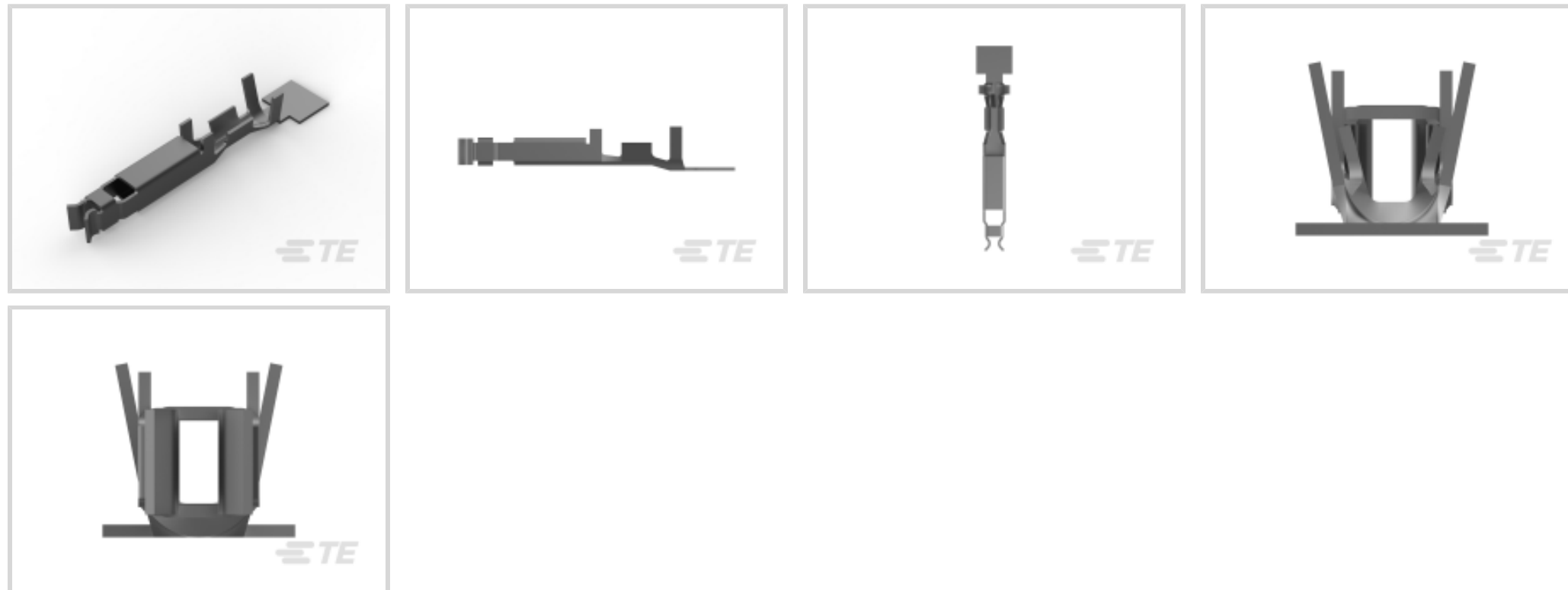




Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **600 VAC**

Contact Mating Area Plating Material: **Pre-Tin**

Wire Size: **.13 – .33 mm<sup>2</sup>**

## Features

### Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Electrical Characteristics

Operating Voltage	600 VAC
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### Contact Features

PCB Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material	Pre-Tin
Contact Current Rating (Max)	9 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1.45 mm[.057 in]
Contact Base Material	Phosphor Bronze
Wire Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material Finish	Bright

PCB Contact Termination Area Plating Material	Pre-Tin
PCB Contact Termination Area Plating Material Thickness	.025 – .076 $\mu\text{m}$ [1 – 3 $\mu\text{in}$ ]
Contact Orientation	Straight

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Wire Insulation Support	With

### Housing Features

Centerline (Pitch)	4.2 mm[.165 in]
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### Dimensions

Wire Size	.13 – .33 $\text{mm}^2$
Accepts Wire Insulation Diameter Range	1.2 – 1.75 mm[.05 – .07 in]

### Usage Conditions

Operating Temperature Range	-55 – 105 $^{\circ}\text{C}$ [-67 – 221 $^{\circ}\text{F}$ ]
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### Operation/Application

Circuit Application	Power
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### Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	5000

## 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	Not Yet Reviewed
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: JAN 2022 (223) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold:

Not Yet Reviewed

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>

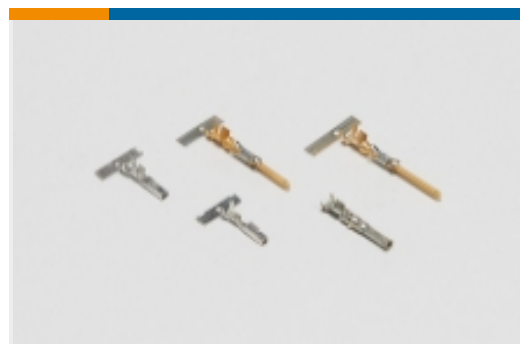
Also in the Series | AMP-DUAC



Busbar Connector Contacts(1)



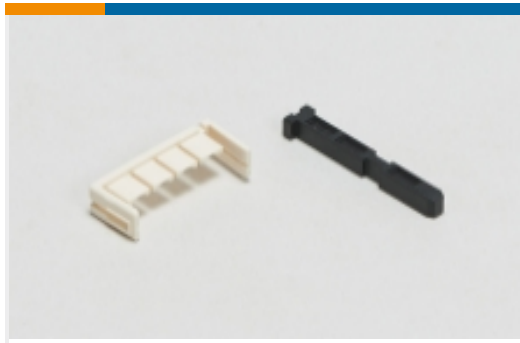
Insertion & Extraction Tools(1)



Power Contacts(3)



Rectangular Boots & Strain Relief(1)



Rectangular Connector Keying Plugs(1)



Rectangular Connector Locking(1)



Rectangular Power Connectors(6)

Customers Also Bought



## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_106528-2\\_G.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_106528-2\\_G.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_106528-2\\_G.2d\\_dxf.zip](#)

English

### 3D PDF

English

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

### Datasheets & Catalog Pages

[SOFT\\_SHELL\\_PIN\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

English

### Product Specifications

[Application Specification](#)

English