

213552-2 ✓ ACTIVE

AMP | METRIMATE Power VIII

TE Internal #: 213552-2

Power Contacts, Contact, 600 VAC, 600 VDC, Gold, 8 AWG Wire Size, 8 mm<sup>2</sup> Wire Size, Wire-to-Wire, 1 Position, Wire & Cable, Crimp, METRIMATE Power VIII

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **600 VDC**

Contact Mating Area Plating Material: **Gold**

Wire Size: **8 AWG**

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	1
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### Electrical Characteristics

Test Current	50 A
Operating Voltage	600 VDC

### Contact Features

Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	55 A
Contact Type	Pin
Contact Retention Within Housing	With



Mating Pin Diameter	3.6 mm[.142 in]
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	.76 μm[30 μin]
Wire Contact Termination Area Plating Material	Gold
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μm[50 μin]
Contact Size	8

#### Termination Features

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

Connector Mounting Type	Panel Mount
Wire Insulation Support	Without

#### Dimensions

Wire Size	8 mm <sup>2</sup>
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#### Usage Conditions

Operating Temperature Range	-55 – 130 °C[-67 – 266 °F]
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#### Operation/Application

Circuit Application	Power
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#### Packaging Features

Packaging Method	Bag
Packaging Quantity	100

#### Other

For Use With	Metrimate Drawer
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#### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions

## China RoHS 2 Directive MIIT Order No 32, 2016

EU REACH Regulation (EC) No. 1907/2006

## Restricted Materials Above Threshold

Current ECHA Candidate List: JUNE 2022 (224)

Candidate List Declared Against: JUNE 2022 (224)

SVHC &gt; Threshold:

Pb (3.7% in Component Part)

**Article Safe Usage Statements:**

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

## Halogen Content

Low Halogen - Br, Cl, F, I &lt; 900 ppm per homogenous material. Also BFR/CFR/PVC Free

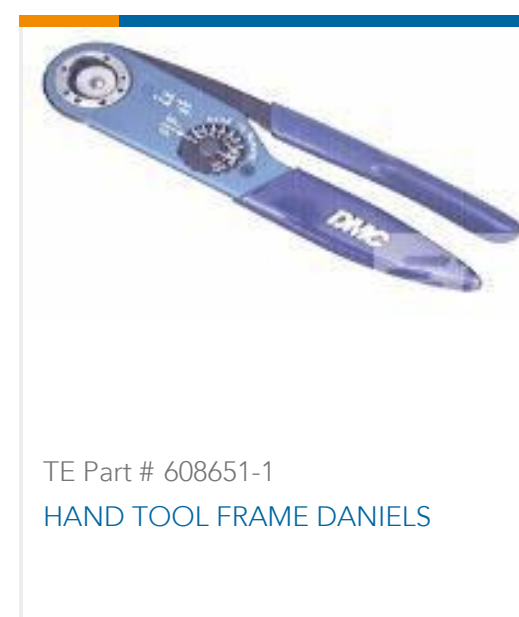
## Solder Process Capability

Not applicable for solder process capability

## Product Compliance Disclaimer

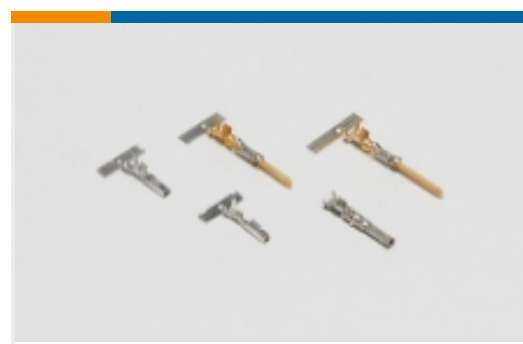
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

Also in the Series | **METRIMATE Power VIII**



Insertion & Extraction Tools(2)



Power Contacts(11)

## Documents

### Product Drawings

[SIZE 8 PIN CONT ASSY,8 AWG](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_213552-2\\_M.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_213552-2\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_213552-2\\_M.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_213552-2\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_213552-2\\_G.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_213552-2\\_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

[Power Contacts](#)

English

### Product Specifications

[Product Specification](#)



Japanese

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[Product Environmental Compliance](#)

[TE Material Declaration](#)

English