

213910-1 ✓ ACTIVE

AMP | METRIMATE Power VIII

TE Internal #: 213910-1

Power Contacts, Contact, 600 VAC, 600 VDC, Gold, 14 – 12 AWG

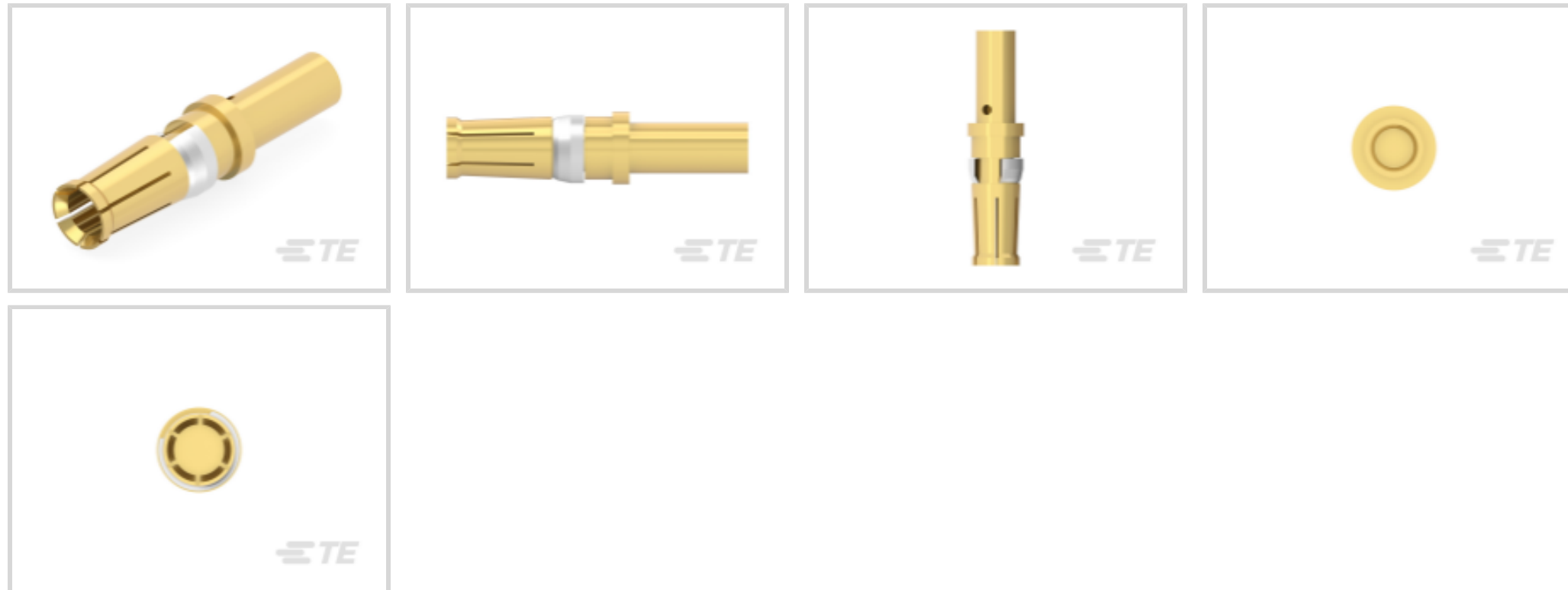
Wire Size, 2 – 3 mm² Wire Size, Wire-to-Wire, 1 Position,

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: **14 – 12 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
---------------------	---

Electrical Characteristics

Test Current	50 A
Operating Voltage	600 VDC

Contact Features

Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	31 A
Contact Type	Socket
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
------------------------------------	-------

Mechanical Attachment

Contact Retention Type Within Housing	Snap-In
Connector Mounting Type	Panel Mount
Wire Insulation Support	Without

Dimensions

Wire Size	2 – 3 mm ²
-----------	-----------------------

Usage Conditions

Operating Temperature Range	-55 – 130 °C[-67 – 266 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power
---------------------	-------

Packaging Features

Packaging Method	Bag
Packaging Quantity	100

Other

For Use With	Metrimate Drawer
--------------	------------------

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

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)

SVHC > Threshold:

Pb (.6% 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 < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

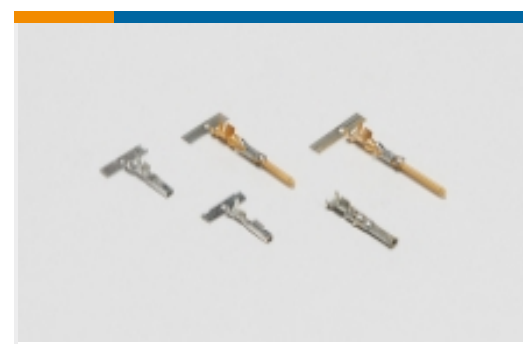
Product Compliance Disclaimer

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

[SZ 8 SKT CONT ASSY,14-12 AWG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_213910-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213910-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213910-1_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_213910-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_213910-1_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_213910-1_B.2d_dxf.zip](#)

English

[3D PDF](#)

English

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

Agency Approvals

[Agency Approval Document](#)

English