

213662-1 ✓ ACTIVE

AMP | METRIMATE Power VIII

TE Internal #: 213662-1

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
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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)	31 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	2 – 3 mm ²
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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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > 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 < 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



TE Part # 318813-1
EXTRACTION TOOL ASSY



TE Part # 213662-2
SIZE 8 PIN CONT ASSY, 12-14 AWG




TE Part # 608651-1
HAND TOOL FRAME DANIELS




TE Part # 608651-2
SINGLE POSITION HEAD, SP689

Also in the Series | METRIMATE Power VIII



Insertion & Extraction Tools(2)



Power Contacts(11)

Customers Also Bought



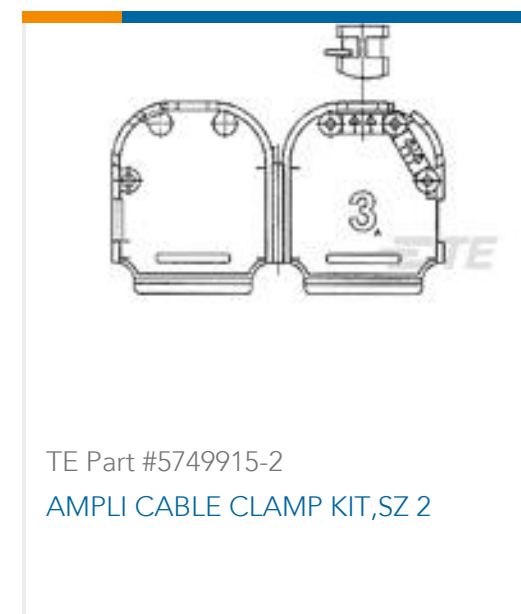
TE Part #212014-1
CONTACT,SKT,PWR 8



TE Part #5-102567-3
36 MODI 2PC HDR DR SHRD .100,
ROHS



TE Part #3-1761603-2
IDC LOW PRO HDR 36P VERT BLUE



TE Part #5749915-2
AMPLI CABLE CLAMP KIT,SZ 2



TE Part #211103-1
CPC RECPT ASSEMBLY 17-14



TE Part #650130-000
D-436-86



TE Part #650129-000
D-436-85



TE Part #502750-1
KIT,COUPLING RECEPT,2.5BAY,SM

Documents

Product Drawings

SIZE 8 PIN CONT ASSY,12-14 AWG

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_213662-1_K.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213662-1_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213662-1_K.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_213662-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_213662-1_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_213662-1_E.2d_dxf.zip](#)

English

3D PDF

English



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Datasheets & Catalog Pages

Power Contacts

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English