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Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold (Au)**

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

Operating Voltage: **600 VDC**

Features

Product Type Features

Sealable	No
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Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	3.6 mm[.142 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.8 – 1.4 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	.8 – 1.4 µm[30 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold



Contact Retention Within Housing	With
Contact Size	Size 8
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	21 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	.8 – 1.4 mm²
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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 Quantity	100
Packaging Method	Bag

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (3.7% in 74019106) 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 # 608668-1
HAND TOOL FRAME DANIELS



TE Part # 608668-2
POSITIONER DANIELS TP 731

Also in the Series | METRIMATE Power VIII



Connector Contacts(8)



Insertion & Extraction Tools(2)



Power Contacts(8)

Customers Also Bought



TE Part #213499-1
PLUG HSG,8 POWER METRIMATE



TE Part #213886-1
PLUG HSG,8 POWER METRIMATE



TE Part #350851-2
UMNL SOK 24-18 AUNIBR



TE Part #770102-1
12P .093 COMM P&S PLUG



TE Part #AEC14-40PAE-E019
[REC, 40P, BLK, E, XCAP, A](#)

TE Part #213973-1
[METRIMATE 30P PLUG HOUSING](#)

TE Part #5165424002
[NTFR-5/8-0-SP](#)

TE Part #212008-1
[CONTACT, SKT, PWR 8](#)

TE Part #1-66106-5
[III+ PIN, 26-24, TIN, STRIP](#)

TE Part #212014-1
[CONTACT, SKT, PWR 8](#)

Documents

Product Drawings

[SIZE 8 PIN CONT ASSY, 16-18 AWG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_213567-1_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213567-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213567-1_G.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_213567-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_213567-1_D.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_213567-1_D.2d_dxf.zip](#)

English

[3D PDF](#)

English



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Datasheets & Catalog Pages

Power Contacts

English

Product Specifications

Product Specification

Japanese