

66594-1 ✓ ACTIVE

AMP | AMP Type IV

TE Internal #: 66594-1

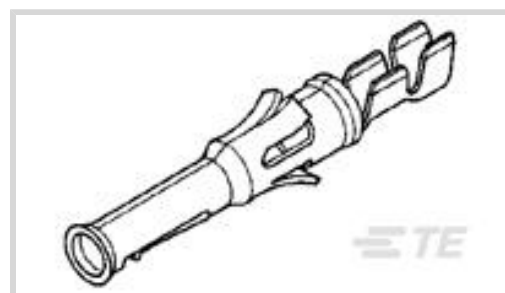
Power Contacts, Contact, 250 VAC, 250 VDC, Tin, 24 – 20 AWG

Wire Size, .2 – .6 mm<sup>2</sup> Wire Size, Wire-to-Wire, 1 Position, Wire & Cable, AMP Type IV

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **250 VDC**

Contact Mating Area Plating Material: **Tin**

Wire Size: **24 – 20 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	13 A
Operating Voltage	250 VDC

### Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	1.8 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	1.02 μm[40 μin]
Contact Mating Area Plating Material Finish	Semi-Bright
Wire Contact Termination Area Plating Thickness	1 – 3 μm[40 – 118 μin]



Wire Contact Termination Area Plating Material	Tin
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Wire Contact Termination Area Plating Material Finish	Matte
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Contact Orientation	Straight
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Contact Size	16
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### Termination Features

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

Connector Mounting Type	Panel Mount
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Wire Insulation Support	With
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### Dimensions

Wire Size	.2 – .6 mm <sup>2</sup>
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Accepts Wire Insulation Diameter Range	1.02 – 2.03 mm [.04 – .08 in]
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### Usage Conditions

Operating Temperature Range	-55 – 90 °C [-67 – 194 °F]
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### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Method	Carton
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Packaging Quantity	1500
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### Other

Wire/Cable Type	Discrete Wire
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For Use With	G Series Connectors
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Comment	Wire strip length-- 3.96 [.156] for all wire sizes.
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224)
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Candidate List Declared Against: JAN 2022  
(223)  
SVHC > Threshold:  
Not Yet Reviewed

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 91515-1  
CCII TYPE III+ MNL PIN SKT 30-20 ASSY




TE Part # 58495-2  
PROCRIMPER DIE ASSY MULTIMATE



TE Part # 58495-1  
PRO CRIMPER ASSY MULTIMATE

### Also in the Series | AMP Type IV



Power Contacts(52)

### Customers Also Bought



TE Part #52041-3  
TERMINAL,R PG 8 1/4



TE Part #30927  
TERMINAL,DG R 16-14 8



TE Part #4-1437624-5  
PKE90B1/4=KNOB PLASTIC FLUETED



TE Part #5745854-1  
CABLE CLAMP KIT,SZ 1



TE Part #3234330001  
RPS-1K-16-10/2.0-4



TE Part #66360-1  
III+ SKT,18-14,30AU>10,LP



TE Part #3-5435668-4  
DIP SW 4 POSN W/TAPE AU



TE Part #971111-1  
20W FRC MADISON SPEC 100-4703  
REV. 7



TE Part #193841-1  
PIN, 2MM, 12-14 AWG



TE Part #NB26672001  
TFER-5/8-X-STK

## Documents

### Product Drawings

[TYPE VI SKT CONT,MULTIMATE](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_66594-1\\_M.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_66594-1\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_66594-1\\_M.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_66594-1\\_G.3d\\_igs.zip](#)

English



**Customer View Model**

[ENG\\_CVM\\_66594-1\\_G.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_66594-1\\_G.2d\\_dxf.zip](#)

English

[3D PDF](#)

English

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**Product Specifications**

[Application Specification](#)

Japanese

[Application Specification](#)

English

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**Product Environmental Compliance**

[Product Compliance](#)

English

[Product Compliance](#)

English

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**Instruction Sheets**

[Instruction Sheet \(U.S.\)](#)

Japanese

[Instruction Sheet \(U.S.\)](#)

English