



**MULTI-BEAM**

TE Internal #: 1-1600960-7

Power Contacts, Contact, 300 VAC / 60 VAC, 300 VDC / 60 VDC, Gold, 10 – 8 AWG Wire Size, 5 – 8 mm<sup>2</sup> Wire Size, 10382 – 16507 CMA Wire Size

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **60 VDC, 300 VDC**

Contact Mating Area Plating Material: **Gold**

Wire Size: **10 – 8 AWG**

**Features**

**Product Type Features**

Power Contact Type	Contact
Sealable	No
Connector & Contact Terminates To	Wire & Cable

**Electrical Characteristics**

Operating Voltage	60 VDC, 300 VDC
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**Contact Features**

Barrel Type	Open
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	42 A
Contact Type	Receptacle
Contact Retention Within Housing	Without
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Thickness	1.27 – 2.54 µm[50 – 100 µin]
Wire Contact Termination Area Plating Material	Tin



Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

### Termination Features

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

Wire Insulation Support	With
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### Dimensions

Wire Size	10382 – 16507 CMA
Compatible Insulation Diameter Range	4.4 – 6.9 mm[.176 – .272 in]

### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Operation/Application

Circuit Application	Power
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### Packaging Features

Packaging Quantity	1000
Packaging Method	Reel

### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
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 # 1385638-1  
HDM SAPR176F2200 LM



TE Part # 1385638-2  
HDM SAPR176F2200 K



TE Part # 1385638-3  
HDM SAPR176F2200 G

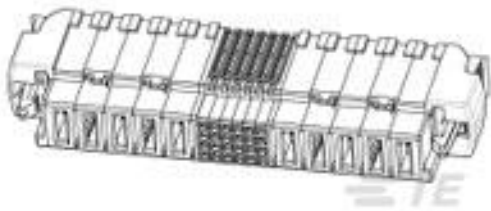


TE Part # 1600960-1  
CONT 8-10AWG PWR BLANK STRIP

## Customers Also Bought



TE Part #1-487526-3  
014 HOUSING FFC RCPT 100CL SR



TE Part #1600798-2  
STR RCPT ASSY MBXL W/KEYS 2ACP



TE Part #7-2176088-6  
RP 1J 0.166W 5K49 0.1% 25PPM 1K RL



TE Part #CG3283-000  
CI-FN5050



TE Part #5531216-2  
T/SPRING LP



TE Part #CG3285-000  
CI-FN550



TE Part #CK0351-000  
CI-FN250



TE Part #275925-000  
CWT-3806-W2



## Documents

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1600960-7\\_D1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1600960-7\\_D1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1600960-7\\_D1.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[POWER\\_CONNECTORS\\_CATALOG\\_SEC01\\_BOARD\\_TO\\_BOARD](#)

English

### Product Specifications

[Application Specification](#)

English

### Product Environmental Compliance

[Product Compliance](#)

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[Product Compliance](#)

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