

208488-5 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 208488-5

16 Position Circular Power Connector, Housing, 600 VDC, 30 – 14

AWG, .05 – .2 mm<sup>2</sup> Wire, Wire-to-Wire, Wire & Cable, Plug, Socket,

AMP CPC

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Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 16

Connector Product Type: Housing

Operating Voltage: 600 VDC

Wire Size: .05 – .2 mm<sup>2</sup>

## Features

### Packaging Features

Packaging Quantity	10
Packaging Method	Box

### Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	1-3/16-18 UNEF-2A
Polarization Code	A
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With
Panel Mount Feature	Without

### Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Thermoplastic

Circular Connector Shell Size

22

**Dimensions**

Compatible Insulation Diameter Range	2.54 mm[.1 in]
Wire Size	.05 – .2 mm <sup>2</sup>

**Configuration Features**

Reverse Numbering	Without
Number of Positions	16
Number of Power Positions	0
Number of Signal Positions	16

**Product Type Features**

Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Plug
Circular Connector Shell Type	Metal-Shell

**Electrical Characteristics**

Operating Voltage	600 VAC
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**Contact Features**

Reverse Gender	No
Contact Type	Socket
Contact Current Rating (Max)	13 A
Contact Protection	With

**Termination Features**

Termination Method to Wire & Cable	Crimp & Solder
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**Usage Conditions**

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Fluid Resistance	None

**Operation/Application**

Circuit Application	Power & Signal
Shielded	No

## Industry Standards

UL Flammability Rating	UL 94V-0
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## Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

## Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

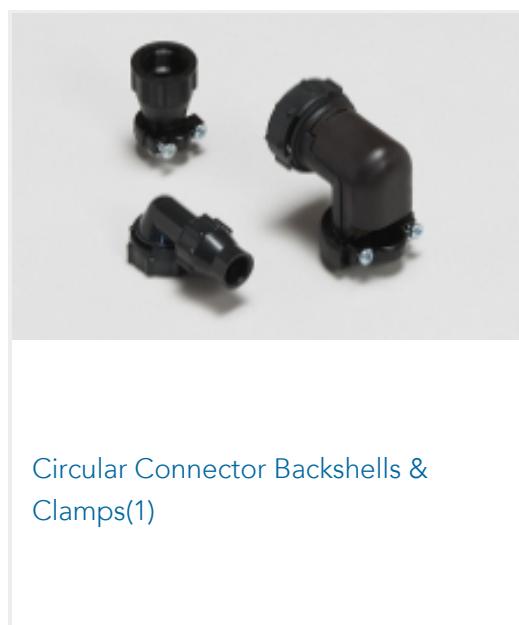
### Product Compliance Disclaimer

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>

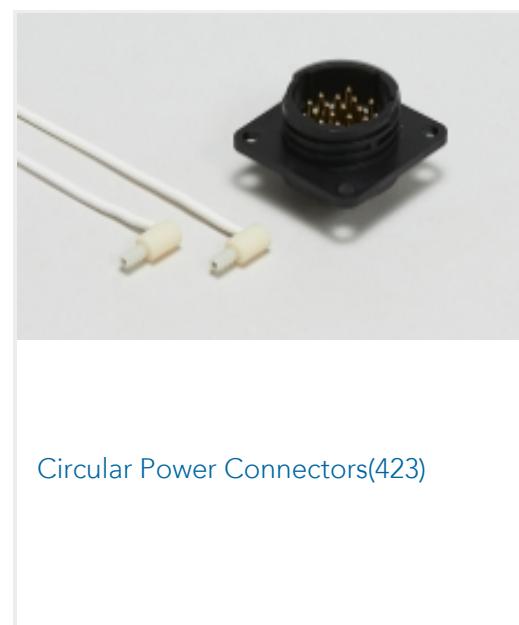
## Compatible Parts

TE Part # 208488-1  
CMC PLUG ASSEMBLY, SZ 22

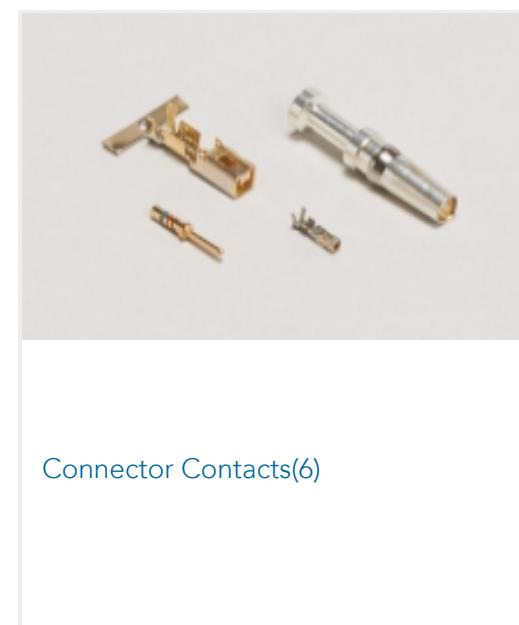
## Also in the Series | AMP CPC



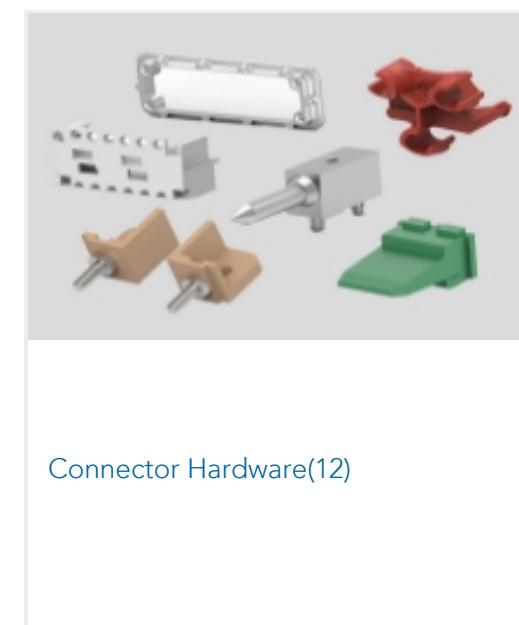
Circular Connector Backshells &amp; Clamps(1)



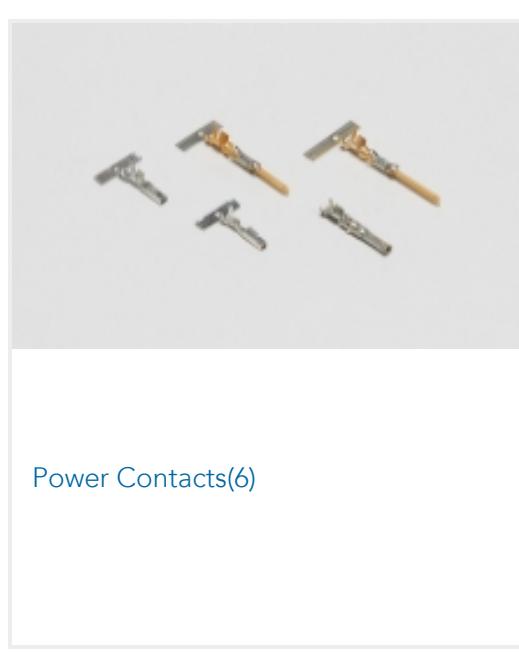
Circular Power Connectors(423)



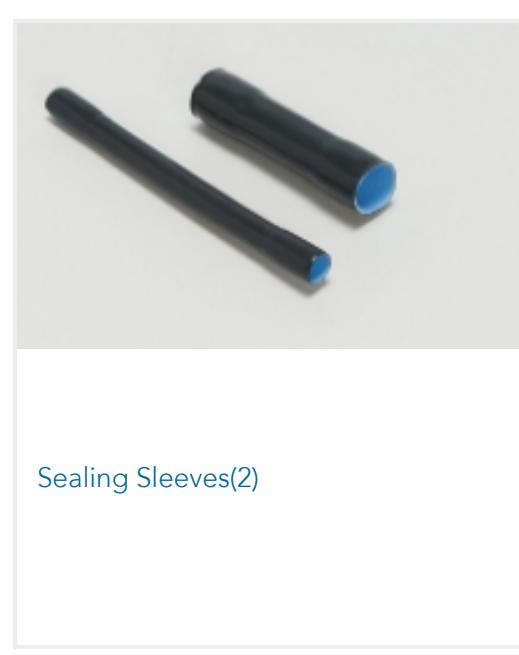
Connector Contacts(6)



Connector Hardware(12)



Power Contacts(6)



Sealing Sleeves(2)

## Customers Also Bought

TE Part #34294  
TAB,PIDG 22-16TE Part #62122-1  
110 FASTON TAB 22-18 TPBRTE Part #1393127-9  
PRD-11AG0-120=PRDTE Part #CAT-T3437-W919  
WP White Polyester LabelsTE Part #CAT-T3437-H99A  
HW High Tack White Polyester LabelsTE Part #NB17932001  
RNF-100-1-1/2-BK-STKTE Part #5-1618388-9  
LEV200A6NAF=RELAY, SPST-NOTE Part #1SNA150041R0000  
TH35-7.5-P6-1METER

## Documents

### Product Drawings

[CMC PLUG ASSEMBLY,SZ 22](#)

English

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### CAD Files

Customer View Model

[ENG\\_CVM\\_208488-5\\_U.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_208488-5\\_U.3d\\_stp.zip](#)

English

### 3D PDF

English

Customer View Model

[ENG\\_CVM\\_208488-5\\_U.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

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Customer View Model

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English

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### Product Specifications

[Product Specification](#)

English

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### Instruction Sheets

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

English

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### Agency Approvals

[UL Report](#)

English