

208716-1 ✓ ACTIVE

AMP | AMP CPC

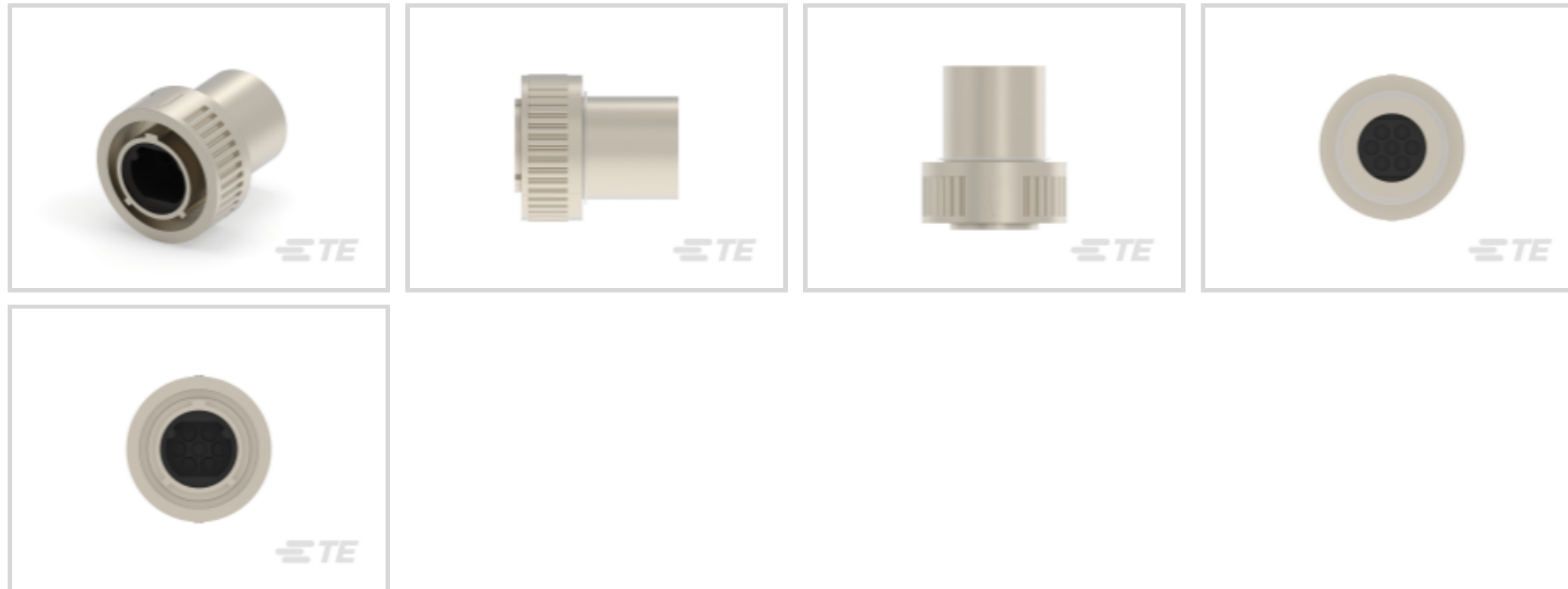
TE Internal #: 208716-1

Circular Power Connectors, Housing, 600 VDC, 30 – 14 AWG Wire Size, .05 – .2 mm<sup>2</sup> Wire Size, Wire-to-Wire, 7 Position, Wire & Cable, Plug, AMP CPC

[View on TE.com >](#)



Connectors > Power Connectors > Circular Power > Circular Power Connectors > Circular Plastic Connector, CMC Series 1



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

Wire Size: **.05 – .2 mm<sup>2</sup>**

Connector System: **Wire-to-Wire**

[All Circular Plastic Connector, CMC Series 1 \(24\)](#)

## Features

### 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

### Configuration Features

Reverse Numbering	Without
Number of Positions	7
Number of Power Positions	0
Keying	A
Number of Signal Positions	7

### Electrical Characteristics



Operating Voltage	600 VAC
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### Contact Features

Reverse Gender	Yes
Contact Type	Pin
Contact Current Rating (Max)	13 A
Contact Protection	With

### Termination Features

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

Screw & Hole Thread Size	7/8-20 UNEF-2A
Mating Alignment	With
Mating Retention	With
Panel Mount Feature	Without
Mating Alignment Type	Keyed
Mating Retention Type	Threaded Coupling

### Housing Features

Housing Plating Material	Nickel
Body Orientation	Straight
Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	14

### Dimensions

Wire Size	.05 – .2 mm <sup>2</sup>
Accepts Wire Insulation Diameter Range	2.67 mm[.105 in]

### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	None

### Operation/Application

Circuit Application	Power & Signal
Shielded	No

### Industry Standards

UL Flammability Rating	UL 94V-0
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VDE Tested No

**Packaging Features**

Packaging Method Carton

Packaging Quantity 12

**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 2022 (224)  
 Candidate List Declared Against: JAN 2022 (223)  
 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 # CAT-AM71-C83998C  
 Circular Plastic Connector, CMC Series 1



TE Part # CAT-AM71-T98  
 Pin and Socket Contacts, Type II



TE Part # CAT-AM71-T98E  
 Pin and Socket Contacts, Type III, LP



TE Part # CAT-AM71-T98D  
 Pin and Socket Contacts, Type III, LP EMEA




TE Part # CAT-AM71-T98A  
Strip Pin and Socket Contacts, Type III, LP



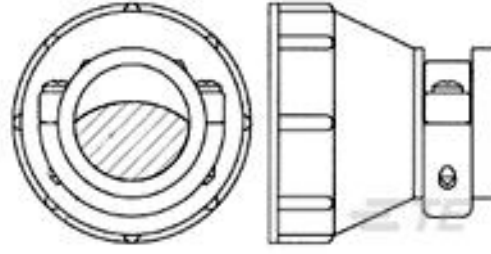
TE Part # CAT-AM71-T98G  
TYPE III CONTACTS LP HIGH CURRENT



TE Part # CAT-AM71-T98B  
Strip Pin and Socket Contacts, Type III




TE Part # CAT-AM71-T98F  
TYPE III CONTACTS STRIP HIGH CURRENT




TE Part # 208945-5  
SZ 14 UNASSM KIT,CMC




TE Part # 91542-1  
CCII TYPE III+ PIN SKT 24-22 ASSY




TE Part # 91515-1  
CCII TYPE III+ MNL PIN SKT 30-20 ASSY



TE Part # 91519-1  
CCII TYPE III+ PIN SKT 18-14 ASSY



TE Part # 58495-1  
PRO CRIMPER ASSY MULTIMATE



TE Part # 91523-1  
CCII TYPE III+ PIN SKT 24-16 ASSY



TE Part # 91521-1  
CCII TYPE III+ PIN SKT 18-14 ASSY




TE Part # 193846-1  
SKT ASSY.



TE Part # 201613-1  
CONTACT SOCKET ASSY.



TE Part # 91505-1  
CCII TYPE III+ 24-16 ASSY




TE Part # 601967-1  
CRIMPING TOOL M22520/1-01




TE Part # 201328-1  
CONTACT SOCKET ASSY.


Also in the Series | AMP CPC




Circular Connector Adapters(7)



Circular Connector Boots & Strain Relief(6)



Circular Connector Caps & Covers(16)



Circular Connector Hardware(3)





Circular Connector Keying Plugs(2)



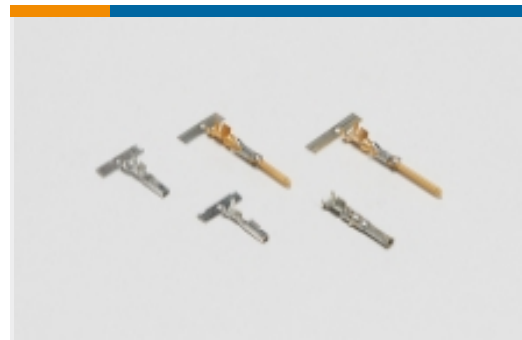
Circular Connector Seals(36)



Circular Power Connectors(467)



Insertion &amp; Extraction Tools(1)



Power Contacts(6)



Sealing Sleeves(2)

Unscreened Circular Connector  
Backshells & Clamps(56)

## Documents

### Product Drawings

#### CMC PLUG ASSEMBLY,SZ 14

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_208716-1\\_P.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_208716-1\\_P.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_208716-1\\_P.3d\\_stp.zip](#)

English

#### 3D PDF

English

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#### Customer View Model

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English

#### Customer View Model

[ENG\\_CVM\\_208716-1\\_J.3d\\_stp.zip](#)



English

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

### Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications Continued](#)

English

### Product Specifications

[Application Specification](#)

English

### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

### Instruction Sheets

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

English

### Agency Approvals

[UL Report](#)

English