

796449-1 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 796449-1

Circular Power Connectors, Housing, 600 VDC, Wire-to-Wire, 14 Position, Wire & Cable, Plug, Reverse Gender, Pin, Power & Signal, Black, AMP CPC

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Connectors > Power Connectors > Circular Power > Circular Power Connectors > Cable/Panel Mount Connector, CPC Series 1



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Number of Positions: **14**

Sealable: **No**

[All Cable/Panel Mount Connector, CPC Series 1 \(57\)](#)

## 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	All Plastic

### Configuration Features

Reverse Numbering	With
Number of Positions	14
Number of Power Positions	0
Number of Signal Positions	14

### Electrical Characteristics



Operating Voltage	600 VAC
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### Contact Features

Reverse Gender	Yes
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Contact Type	Pin
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Contact Protection	With
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### Mechanical Attachment

Mating Alignment Type	Keyed
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Mating Alignment	With
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Mating Retention Type	Threaded Coupling
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Thread Size	15/16-20 UNEF – 2A
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Polarization Code	B
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Mating Retention	With
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Panel Mount Feature	Without
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### Housing Features

Body Orientation	Straight
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Housing Color	Black
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Housing Material	Nylon
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Circular Connector Shell Size	17
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### Usage Conditions

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

Circuit Application	Power & Signal
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Shielded	No
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	100
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Packaging Method	Bag
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### 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	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

 <p>TE Part # 207299-3 FLANGE PLUG MOUNT CPC</p>	 <p>TE Part # CAT-AM71-C83998 CPC Heat Shrink Strain Reliefs</p>	 <p>TE Part # CAT-AM71-C83998B CPC Cable Clamps</p>	 <p>TE Part # 81665-2 FLANGE GASKET CPC</p>
 <p>TE Part # CAT-AM71-T98 Pin and Socket Contacts, Type II</p>	 <p>TE Part # CAT-AM71-T98E Pin and Socket Contacts, Type III, LP</p>	 <p>TE Part # CAT-AM71-T98D Pin and Socket Contacts, Type III, LP EMEA</p>	 <p>TE Part # CAT-AM71-T98A Strip Pin and Socket Contacts, Type III, LP</p>

TE Part # CAT-AM71-T98G  
Pin and Socket Contacts, Type III, LP, High Current



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



TE Part # CAT-AM71-T98F  
Strip Pin and Socket Contacts, Type III, High Current




TE Part # 213810-1  
CPC COUPLING RING SIZE 17



TE Part # 796437-2  
RECPT HSG,CPC,17-14,REV SEX



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




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



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



TE Part # 58495-1  
PRO CRIMPER ASSY MULTIMATE



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




TE Part # 207241-1  
CABLE BOOT,SZ 17,CPC




TE Part # 207387-1  
CABLE GRIP,SZ 17,CPC


Also in the Series | AMP CPC




Circular Connector Adapters(7)



Circular Connector Caps & Covers(16)




Circular Connector Hardware(3)




Circular Connector Keying Plugs(2)




Circular Connector Seals(36)



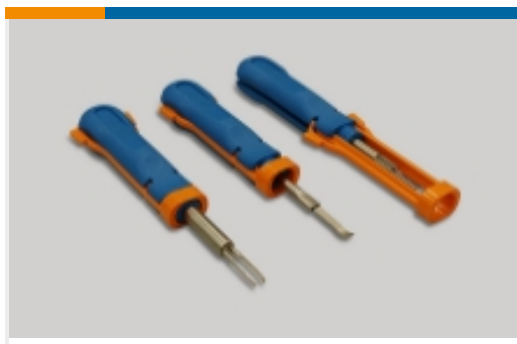
Circular Power Connectors(459)



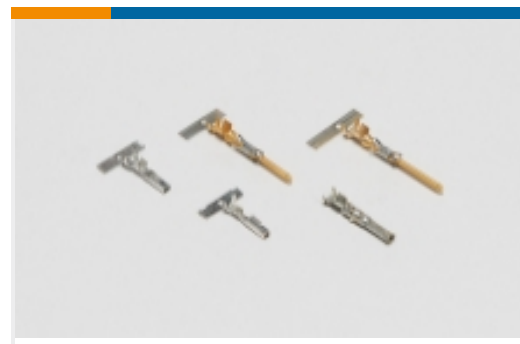
Connector Backshells(56)



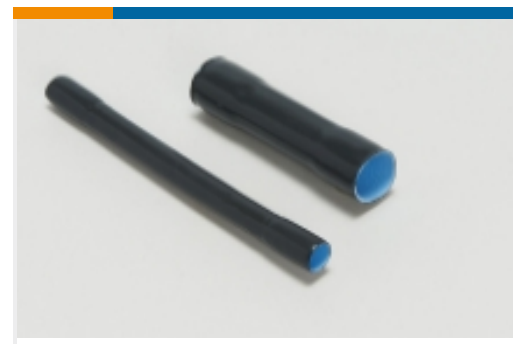
Connector Strain Relief(6)



Insertion &amp; Extraction Tools(1)



Power Contacts(6)



Sealing Sleeves(2)

## Customers Also Bought



TE Part #796450-1  
Cable/Panel Mount Connector, CPC  
Series 1



TE Part #66332-4  
PIN ASSY, .062 DIA, TYPE III



TE Part #1838893-1  
M12 Mtl MALE PNL CONN. Sldr Re



TE Part #2336343-3  
RL1121-0.50-0/0-0



TE Part #2336345-3  
RL1131-0.50-0/0-0



TE Part #2340814-1  
Single Wire, Thin Wall, RL0111



TE Part #EP6594-000  
S01-04-R-CS4531

## Documents

### Product Drawings

[PLUG ASSY,CPC,17-14,REV SEX](#)

English

### CAD Files

[3D PDF](#)

English

Customer View Model

[ENG\\_CVM\\_796449-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_796449-1\\_A.3d\\_igs.zip](#)

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Customer View Model

[ENG\\_CVM\\_796449-1\\_A.3d\\_stp.zip](#)

English

[3D PDF](#)



3D

Customer View Model

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Customer View Model

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English

Customer View Model

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English

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### Datasheets & Catalog Pages

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

English

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[TE Material Declaration](#)

English

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### Agency Approvals

[UL Report](#)

English