

1-796403-1 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 1-796403-1

AMP CPC, Circular Power Connectors, Connector Assembly,  
Operating Voltage 250 VDC, Wire-to-Board / Wire-to-Panel, 4  
Position, Receptacle, Pin, Signal

[View on TE.com >](#)



Connectors > Power Connectors > Circular Power > Circular Power Connectors > CPC SERIES 1 POSTED



Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC**

Connector System: **Wire-to-Board, Wire-to-Panel**

Number of Positions: **4**

Sealable: **No**

[All CPC SERIES 1 POSTED \(40\)](#)

## Features

### Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board, Wire-to-Panel
Sealable	No
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

### Configuration Features

Number of Positions	4
Number of Power Positions	0
Keying	A
Number of Signal Positions	4

### Electrical Characteristics

Operating Voltage	250 VAC
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### Contact Features

Reverse Gender	No
Contact Type	Pin

### Termination Features

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Termination Method to Printed Circuit Board	Through Hole - Solder
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### Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
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Connector Mounting Type	Panel Mount
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Mating Alignment	With
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Mating Retention	With
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Panel Mount Feature	With
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Mating Alignment Type	Keyed
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Mating Retention Type	Threaded Coupling
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### Housing Features

Housing Color	Black
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Housing Material	PA 6.6
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Circular Connector Shell Size	11
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### Dimensions

Assembly Length	51.56 mm[2.03 in]
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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	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 Method	Tray
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Packaging Quantity	16
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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: JAN 2021 (211)

Candidate List Declared Against: JUL 2019 (201)

SVHC > Threshold:  
Not Yet Reviewed

Halogen Content

Not Yet Reviewed for halogen content

Solder Process Capability

Wave solder capable to 265°C

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



TE Part # CAT-AM71-C83998K  
CPC SERIES 6



TE Part # CAT-AM71-C83998B  
CPC CABLE CLAMPS



TE Part # 207489-1  
FLEXIBLE CABLE BOOT, SIZE 11



TE Part # 207490-1  
CABLE GRIPPER, SIZE 11



TE Part # CAT-AM71-C83998P  
CPC ACCESSORIES

Also in the Series | **AMP CPC**



Circular Connector Adapters(7)



Circular Connector Boots & Strain Relief(6)



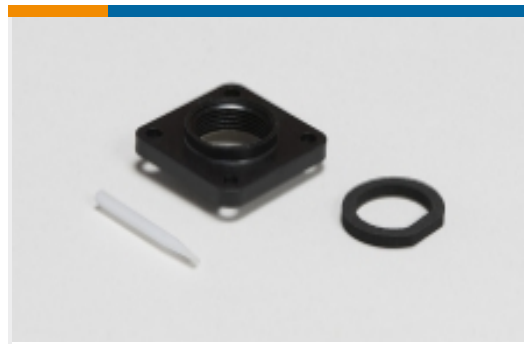
Circular Connector Caps & Covers(16)



Circular Connector Hardware(3)



Circular Connector Keying Plugs(2)



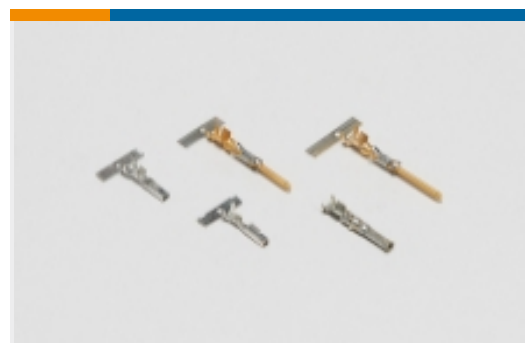
Circular Connector Seals(36)



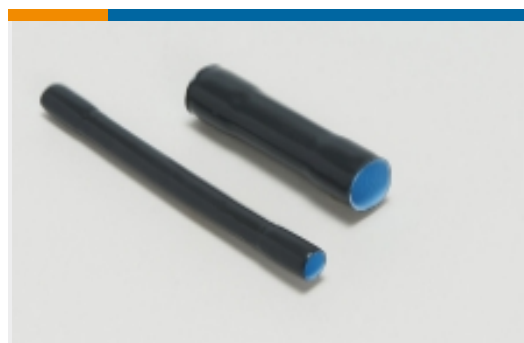
Circular Power Connectors(513)



Insertion & Extraction Tools(1)



Power Contacts(5)



Sealing Sleeves(2)

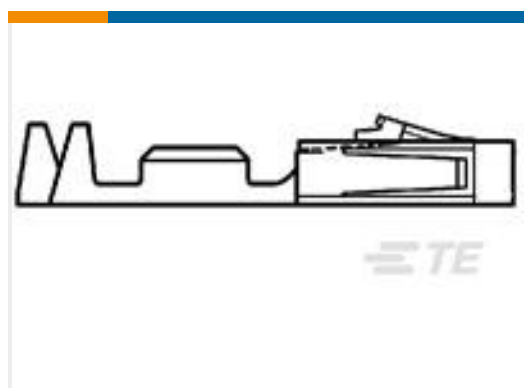


Unscreened Circular Connector Backshells & Clamps(56)

## Customers Also Bought



TE Part #1-796375-1  
CPC SERIES 1 POSTED



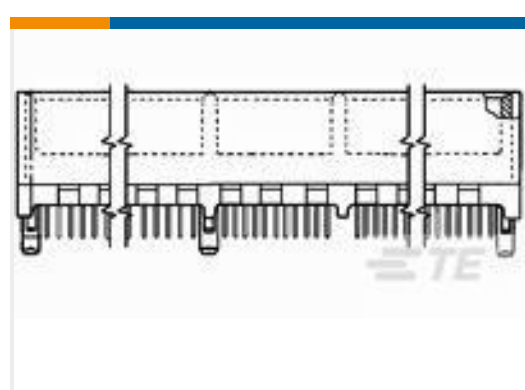
TE Part #104479-9  
SHORT POINT CONT 15 DPLX  
STMPD LF



TE Part #1-2008552-2  
CONNECTOR, INLINE VERT  
SCREWLESS



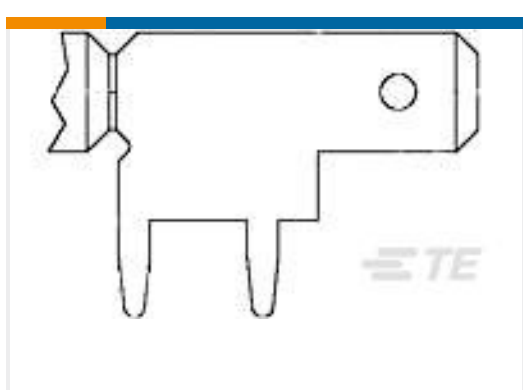
TE Part #1-213825-2  
CPC RCPT ASSY 17-14,W/KEY PLUG



TE Part #1-5145166-2  
STANDARD EDGE .050 SERIES 92  
DUAL ASSY



TE Part #W4PA  
DEUTSCH DT WEDGELOCKS



TE Part #1217061-1  
187 FASTON, FLAG, TAB, TNBR

## Documents



### Product Drawings

[CPC PSTD RCPT,11-4,R/A LF](#)

English

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### CAD Files

[3D PDF](#)

English

Customer View Model

[ENG\\_CVM\\_1-796403-1\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-796403-1\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-796403-1\\_E.3d\\_stp.zip](#)

English

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

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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