

211400-1 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 211400-1

AMP CPC, Circular Power Connectors, Housing, 600 VDC, Wire-to-Wire, 7 Position, Wire & Cable, Plug, Reverse Gender, Pin, Power & Signal, Black

[View on TE.com >](#)



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



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Number of Positions: **7**

Sealable: **No**

[All 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	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 Protection	With
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### Mechanical Attachment

Screw & Hole Thread Size	3/4 - 20 UNEF-2A
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Alignment	With
Mating Retention	With
Panel Mount Feature	Without
Mating Alignment Type	Keyed
Mating Retention Type	Threaded Coupling

### Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	13

### 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
VDE Tested	Yes

### Packaging Features

Packaging Method	Bag
Packaging Quantity	100

### 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: JAN 2022 (223)

Candidate List Declared Against: JAN 2022 (223)

Does not contain REACH SVHC

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

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 # 81665-4  
ECONOSEAL, FLANGE GASKET



TE Part # CAT-AM71-C83998J  
CPC SERIES 1



TE Part # CAT-AM71-T98  
TYPE II CONTACTS



TE Part # CAT-AM71-T98E  
TYPE III CONTACTS LP



TE Part # CAT-AM71-T98D  
TYPE III CONTACTS LP EMEA



TE Part # CAT-AM71-T98A  
TYPE III CONTACTS LP



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



TE Part # CAT-AM71-T98B  
TYPE III CONTACTS STRIP



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



TE Part # CAT-AM71-C83998B  
CPC CABLE CLAMPS



TE Part # 211870-2  
SEALING CAP ASSY, SZ 13, CPC



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



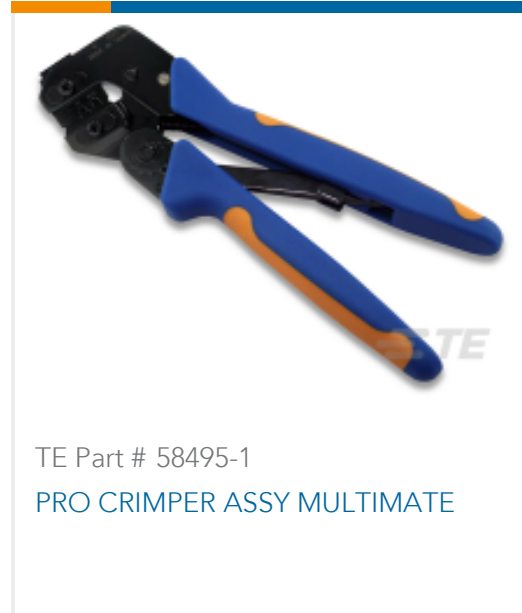
TE Part # 91515-1  
CCII TYPE III+ MNL PIN SKT 30-20  
ASSY



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



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

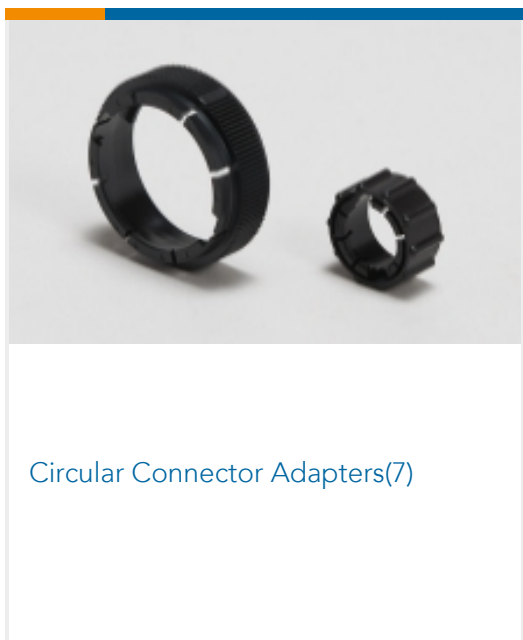


TE Part # 193846-1  
SKT ASSY.

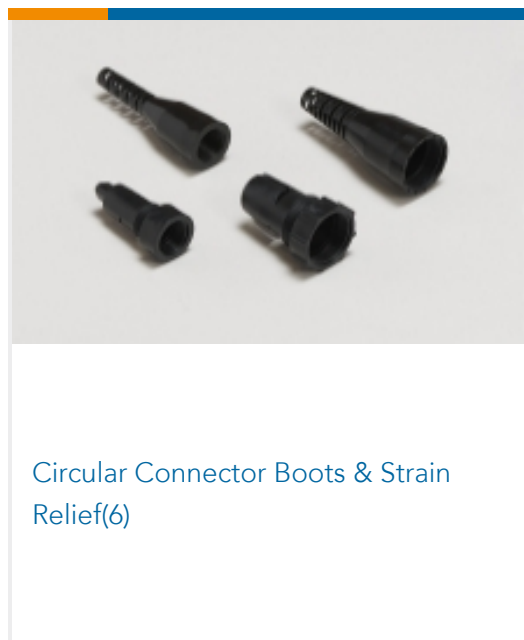


TE Part # 1986377-2  
CPC PSTD RCPT, 13-7, rev sex

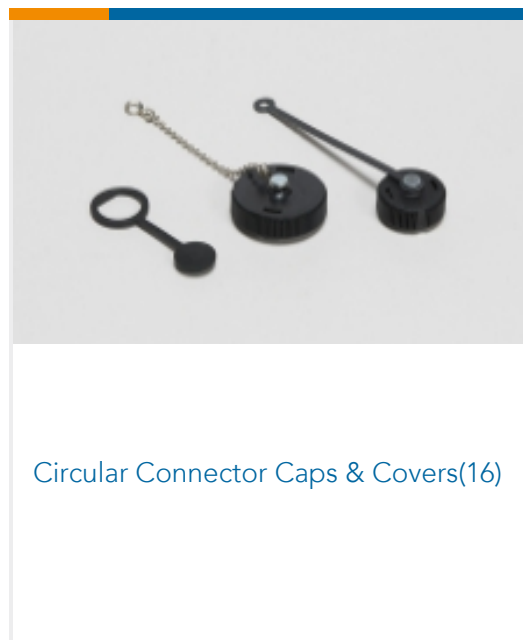
Also in the Series | AMP CPC



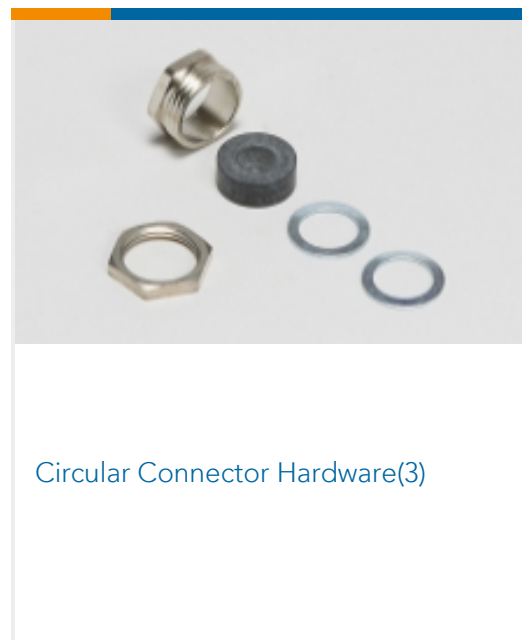
Circular Connector Adapters(7)



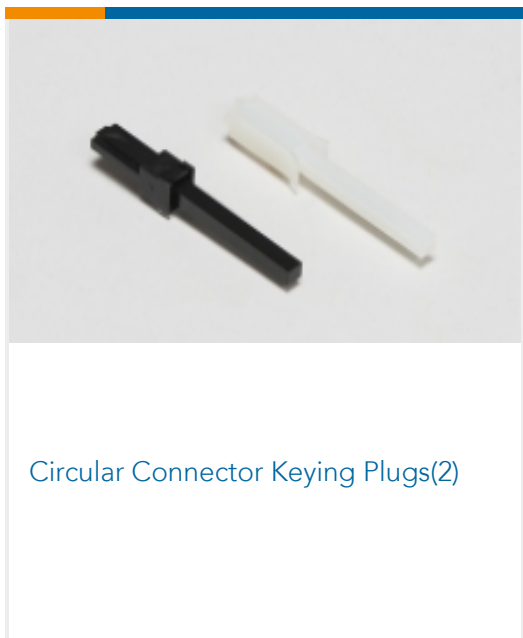
Circular Connector Boots & Strain  
Relief(6)



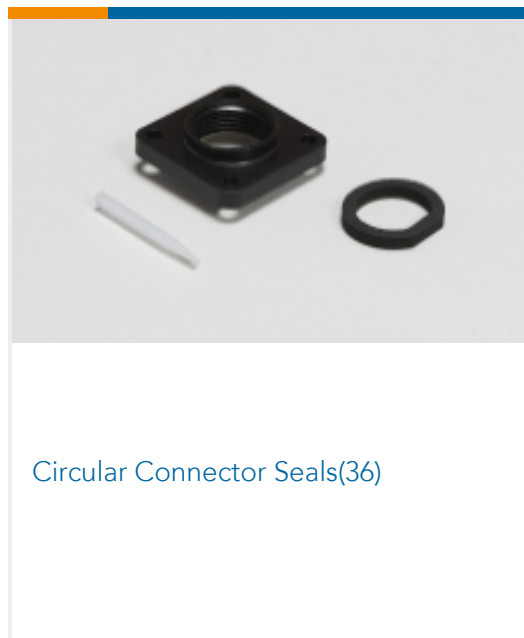
Circular Connector Caps & Covers(16)



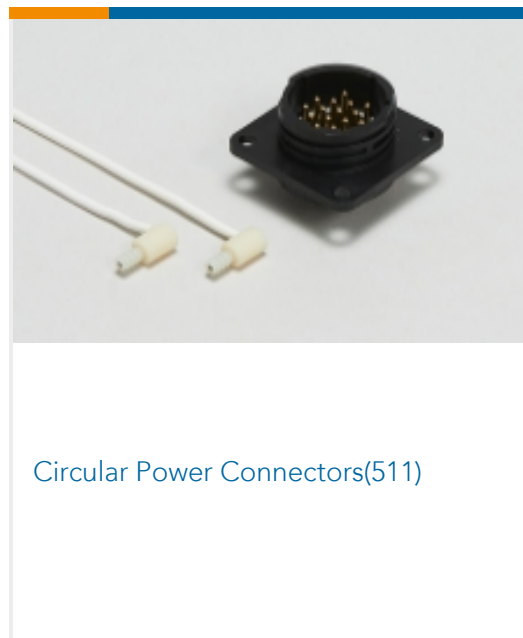
Circular Connector Hardware(3)



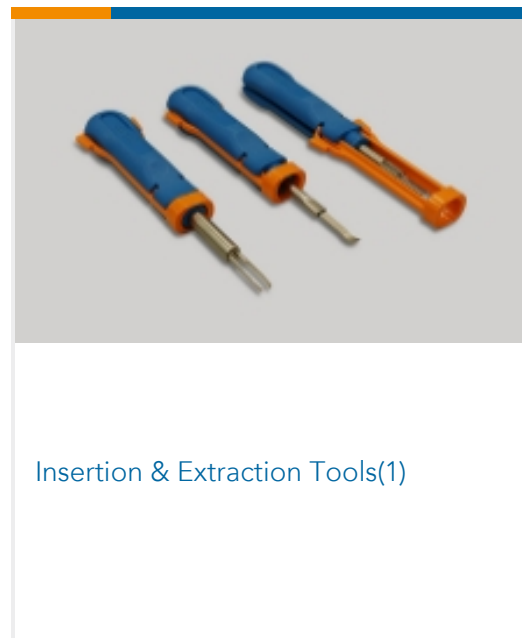
Circular Connector Keying Plugs(2)



Circular Connector Seals(36)

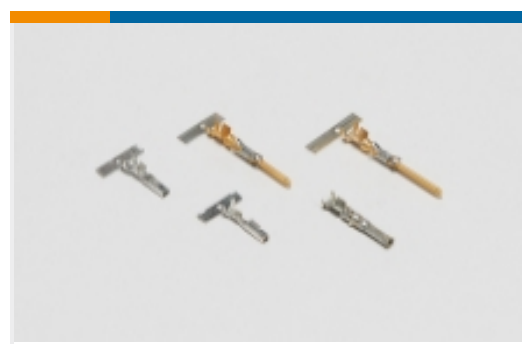


Circular Power Connectors(511)

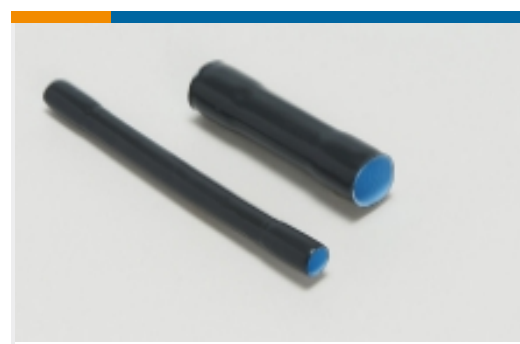


Insertion & Extraction Tools(1)





Power Contacts(6)

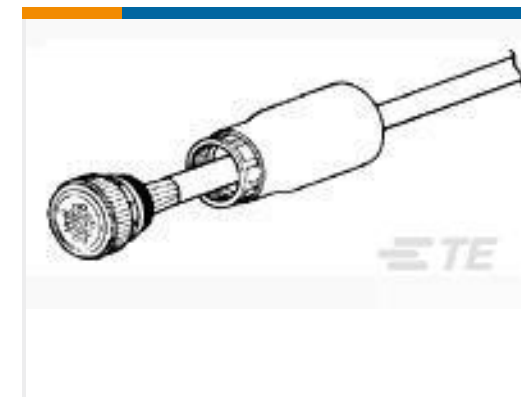


Sealing Sleeves(2)



Unscreened Circular Connector Backshells &amp; Clamps(5)

## Customers Also Bought

TE Part #211769-1  
CPC SERIES 1TE Part #154CV-100A-R  
100 PSIA RIBBON CABLE MV  
PRESSURE SENSORTE Part #206138-8  
CPC CABLE CLAMPSTE Part #54123-1  
CPC,13 LONG TUBETE Part #206429-1  
CPC PLUG ASSY, 11-4, REV SEX

## Documents

### Product Drawings

CPC PLUG ASSEMBLY SIZE 13-7

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_211400-1\\_H.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_211400-1\\_H.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_211400-1\\_H.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

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### Product Environmental Compliance

[MD\\_211400-1\\_0716201895\\_dmtec](#)

English

[MD\\_211400-1\\_0716201895\\_dmtec](#)

English

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### Agency Approvals

[UL Report](#)

English