

206044-1 ACTIVE

AMP | AMP CPC

TE Internal #: 206044-1

AMP CPC, Circular Power Connectors, Housing, Operating Voltage

600 VDC, Wire-to-Wire, 14 Position, Wire & Cable, Plug, Reverse

Gender, Pin

[View on TE.com >](#)



Connectors > Power Connectors > Circular Power > Circular Power Connectors > CPC SERIES 6



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Number of Positions: **14**

Sealable: **No**

[All CPC SERIES 6 \(19\)](#)

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	14
Number of Power Positions	0
Keying	A
Number of Signal Positions	14

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	15/16-20 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	17

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	No

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: JUN 2020 (209)

Candidate List Declared Against: JUN 2020 (209)

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-A17
POWERBAND CONTACTS



TE Part # CAT-AM71-C83998U
CPC SERIES 5



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



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



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



TE Part # CAT-AM71-C83998W
CPC SERIES 5 SEALED ACCESSORIES



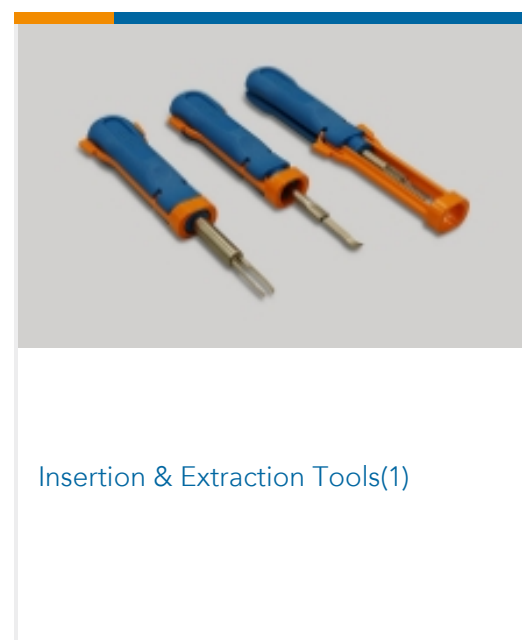
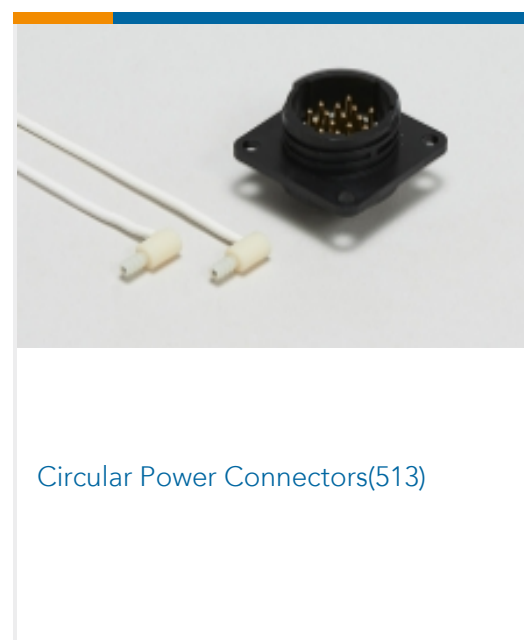
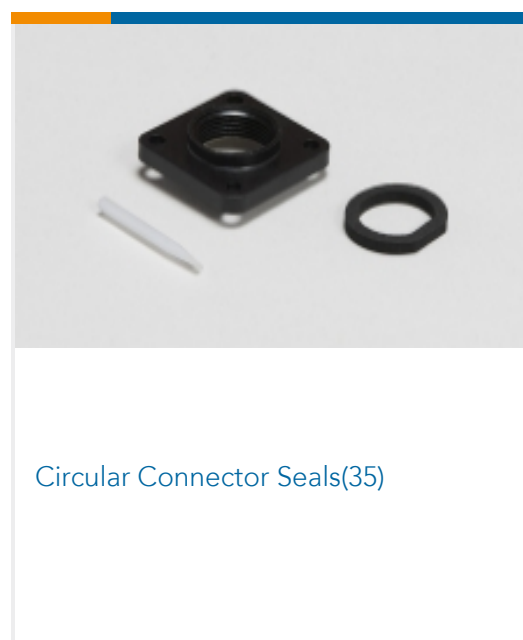
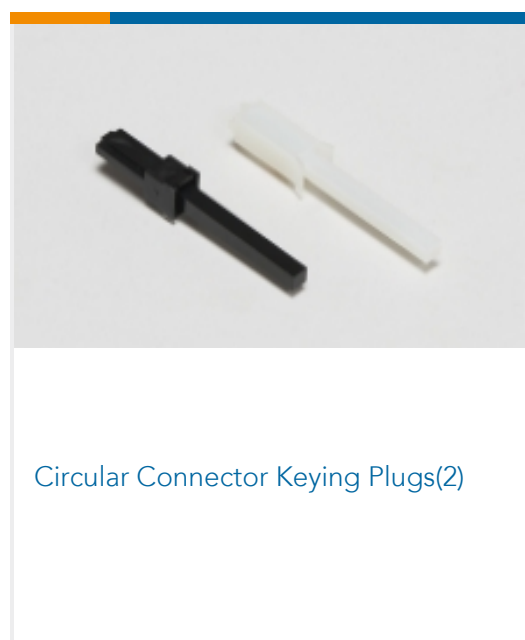
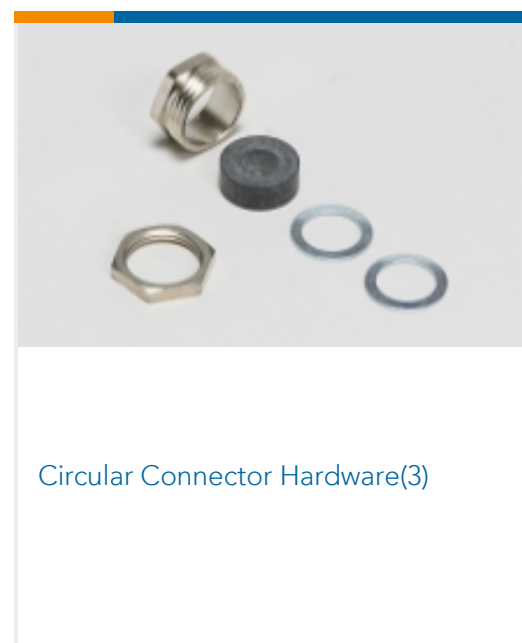
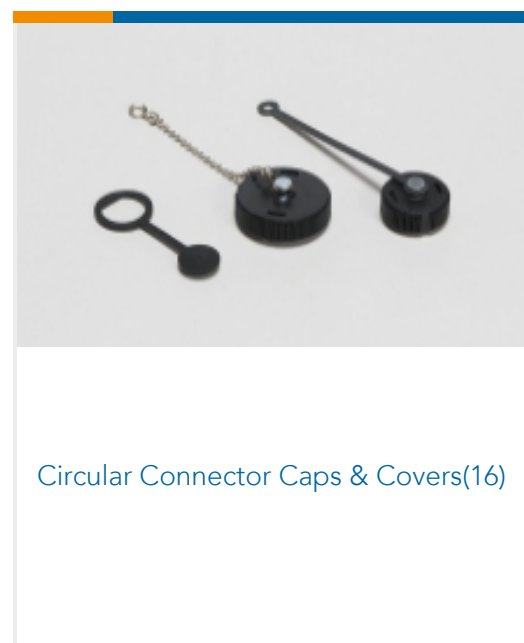
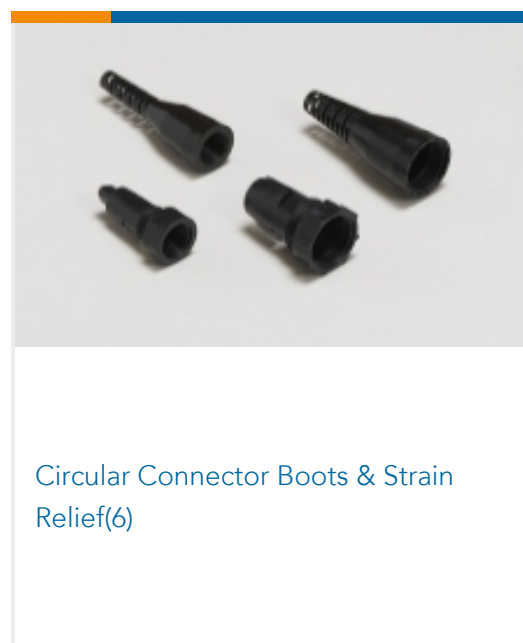
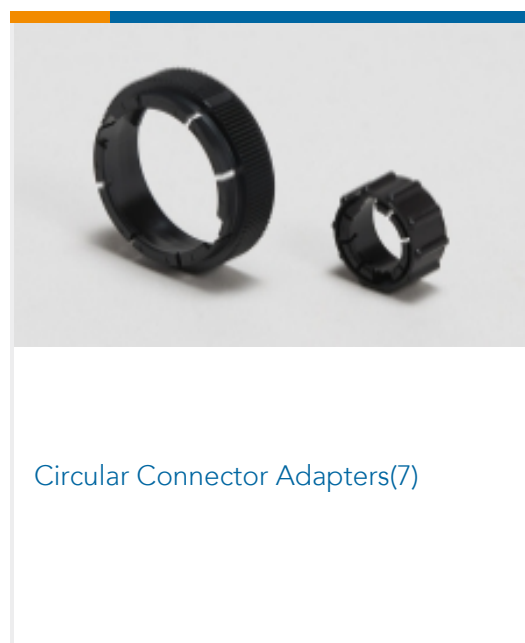
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TYPE III CONTACTS STRIP HIGH CURRENT

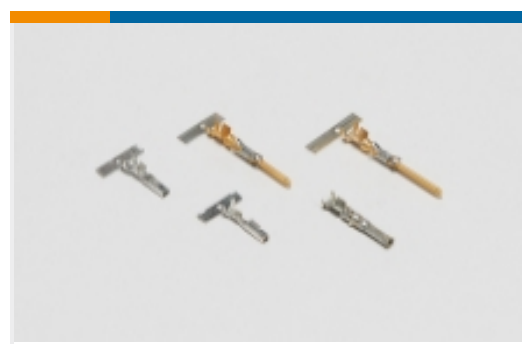


TE Part # CAT-AM71-C83998F
CPC SERIES 1 POSTED

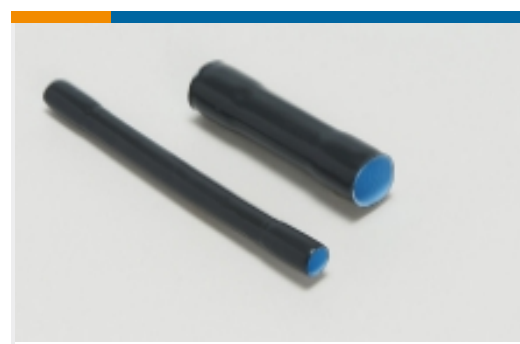


Also in the Series | AMP CPC





Power Contacts(5)

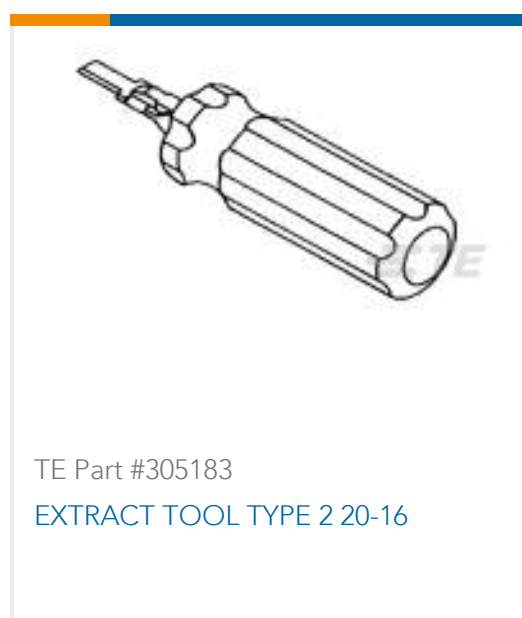


Sealing & Repair Sleeves(2)



Unscreened Circular Connector Backshells & Clamps(56)

Customers Also Bought

TE Part #206429-1
CPC SERIES 6TE Part #206043-1
CPC SERIES 1TE Part #66103-4
TYPE III CONTACTS LPTE Part #206138-8
CPC CABLE CLAMPSTE Part #305183
EXTRACT TOOL TYPE 2 20-16

Documents

Product Drawings

CPC PLUG ASSEMBLY SIZE 17-14

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_206044-1_K.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_206044-1_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_206044-1_K.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](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_206044-1_07182018857_dmtec](#)

English

[MD_206044-1_07182018857_dmtec](#)

English

Instruction Sheets

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

English

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

English

Agency Approvals

[UL Report](#)

English