



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: **14**
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	Receptacle
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	Socket
Contact Protection	With

Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
Screw & Hole Thread Size	15/16-20 UNEF – 2A
Connector Mounting Type	Panel Mount
Mating Alignment	With
Mating Retention	With
Panel Mount Feature	With
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	Standard
Packaging Quantity	1



Product Compliance

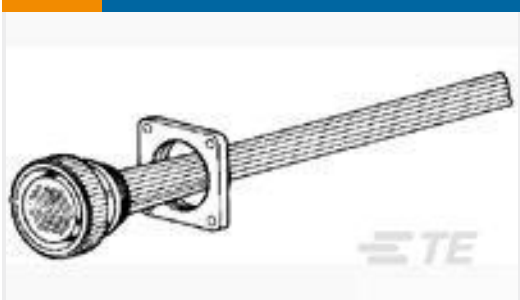
For compliance documentation, visit the product page on TE.com>

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) SVHC > Threshold: Not Yet Reviewed
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 # 207299-3
FLANGE PLUG MOUNT CPC



TE Part # 206044-1
CPC PLUG ASSEMBLY SIZE 17-14



TE Part # CAT-AM71-C83998B
CPC CABLE CLAMPS

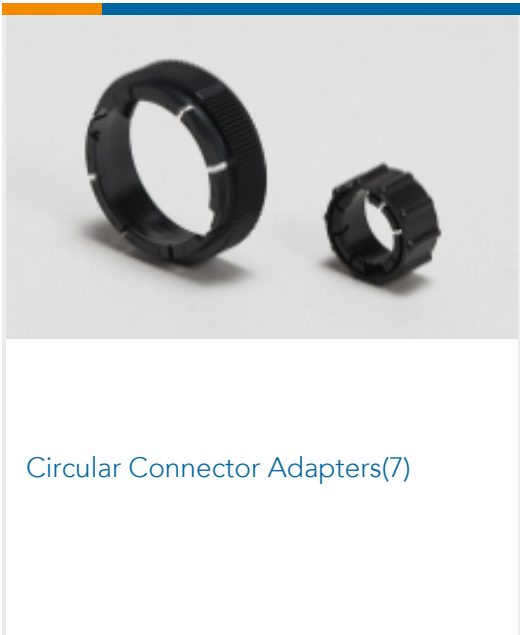
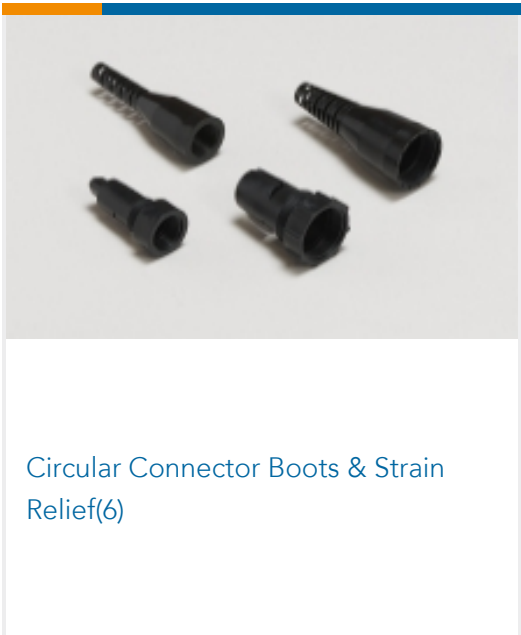
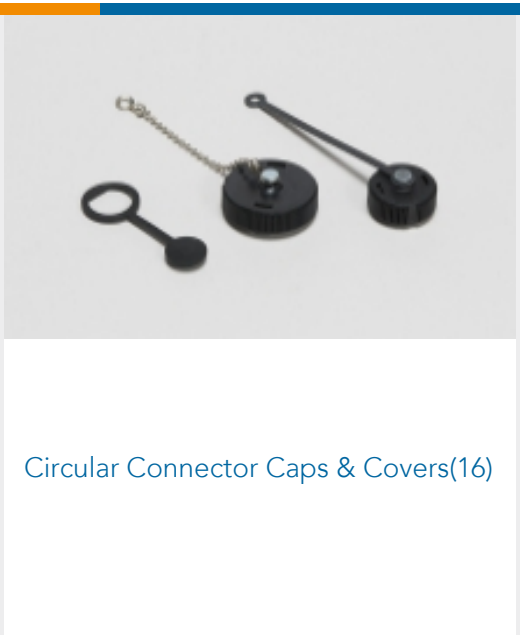
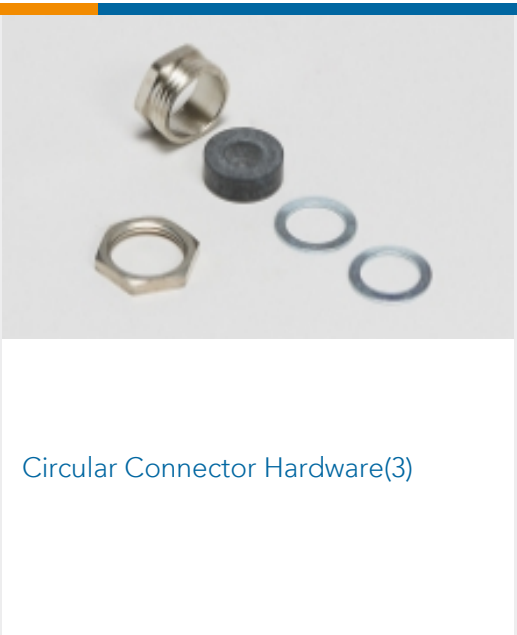
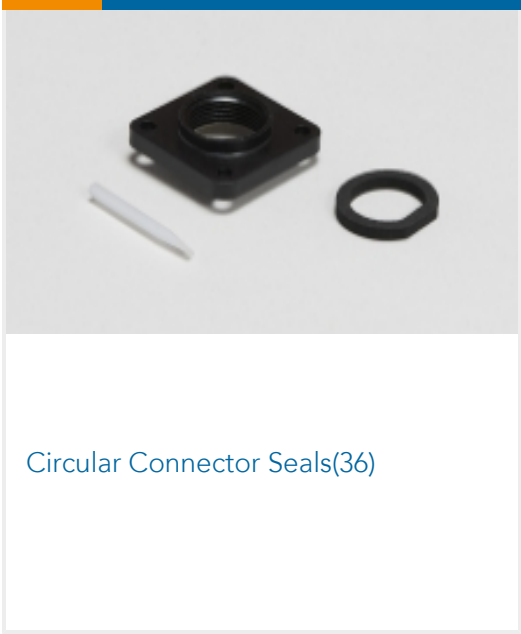
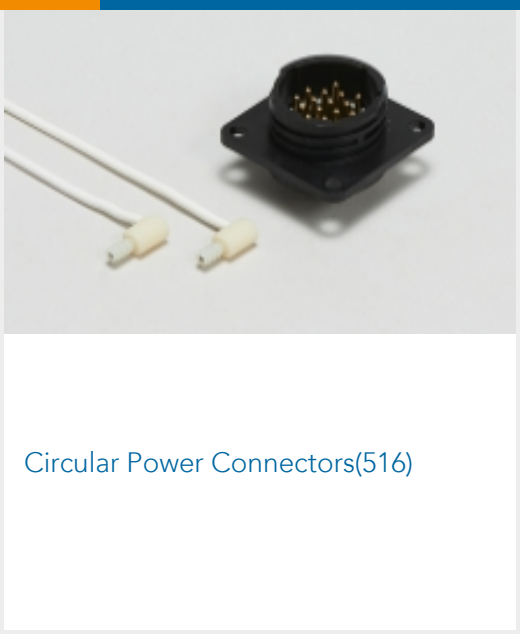
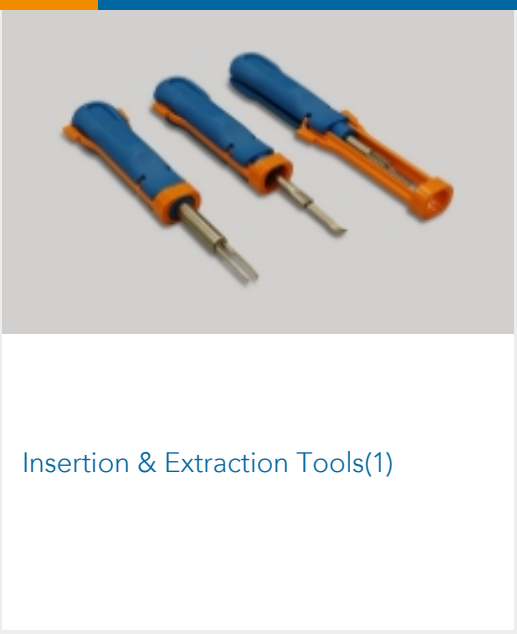


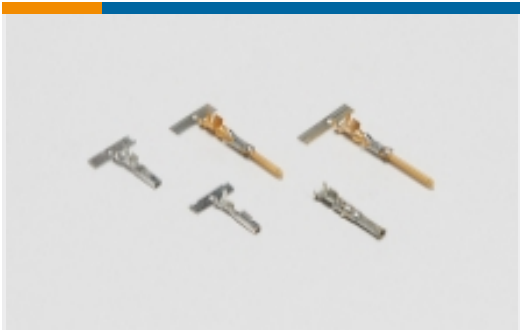
TE Part # 207241-1
CABLE BOOT, SZ 17, CPC



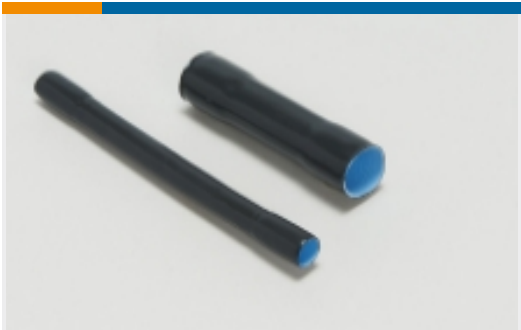
 TE Part # 207387-1 CABLE GRIP, SZ 17, CPC	 TE Part # 2387121-1 PLUG CONN CA, REV, SER 1, SZ 14-14, L 0.5M	 TE Part # 2387121-2 PLUG CONN CA, REV, SER 1, SZ 14-14, L 1M	 TE Part # 2387121-3 PLUG CONN CA, REV, SER 1, SZ 14-14, L 2M
 TE Part # 207387-2 CABLE GRIP, SZ 17, CPC	 TE Part # 4-2407269-4 CAP, CPC, SIZE 17 RECP, YELLOW	 TE Part # 4-2407269-3 CAP, CPC, SIZE 17 RECP, RED	 TE Part # 4-2407269-1 CAP, CPC, SIZE 17 RECP, ORANGE
 TE Part # 4-2407269-2 CAP, CPC, SIZE 17 RECP, BLACK			

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(516)	 Insertion & Extraction Tools(1)



Power Contacts(6)



Sealing Sleeves(2)



Unscreened Circular Connector Backshells & Clamps(56)

Customers Also Bought



TE Part #211773-1
CPC SERIES 1



TE Part #182649-1
17-14 CPC PLUG RS



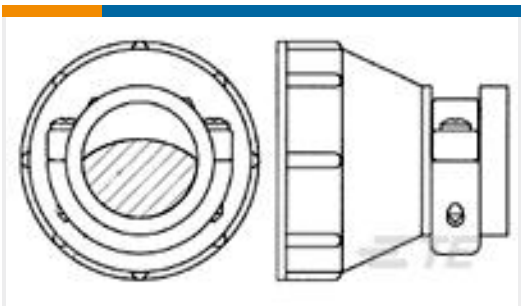
TE Part #1-66099-5
TYPE III CONTACTS LP



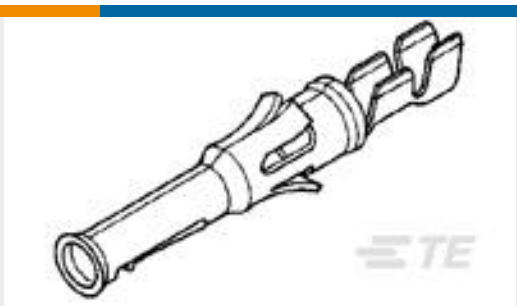
TE Part #206036-1
RECEPT,SZ 17-16 CPC



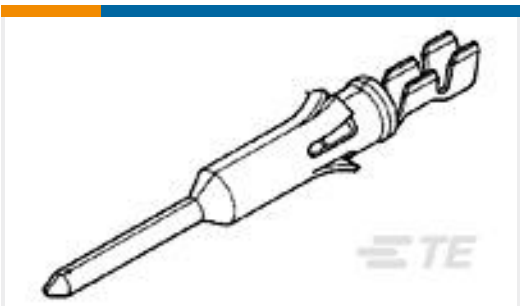
TE Part #206306-1
23-37 RECEPT REV SEX



TE Part #182655-1
17 SIZE CPC STD CLAMP



TE Part #66594-1
TYPE VI SKT CONT,MULTIMATE



TE Part #66593-1
TYPE VI PIN CONT,M-MATE,LP

Documents

Product Drawings
RECEPT,SZ 17-14 CPC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_206043-1_AN.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_206043-1_AN.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_206043-1_AN.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_206043-1_071720181246_dmtec

English

MD_206043-1_071720181246_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English