



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: **Yes**

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

## Features

### Product Type Features

Connector Seal & Plug Type	Peripheral
Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	Yes
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
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

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

### 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
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### Packaging Features

Packaging Quantity	1
Packaging Method	Standard



## 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: JUNE 2023 (235) 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

 <p>TE Part # 207299-3 FLANGE PLUG MOUNT CPC</p>	 <p>TE Part # CAT-AM71-C83998B CPC Cable Clamps</p>	 <p>TE Part # 206044-1 CPC PLUG ASSEMBLY SIZE 17-14</p>	 <p>TE Part # 207241-1 CABLE BOOT, SZ 17, CPC</p>
 <p>TE Part # 207387-1 CABLE GRIP, SZ 17, CPC</p>	 <p>TE Part # 207387-2 CABLE GRIP, SZ 17, CPC</p>	 <p>TE Part # 4-2407269-1 CAP, CPC, SIZE 17 RECP, ORANGE</p>	 <p>TE Part # 4-2407269-4 CAP, CPC, SIZE 17 RECP, YELLOW</p>

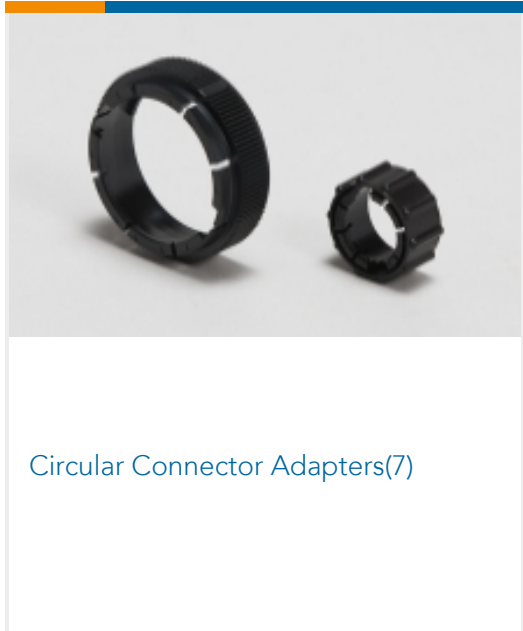


TE Part # 4-2407269-3  
CAP, CPC, SIZE 17 RECP, RED

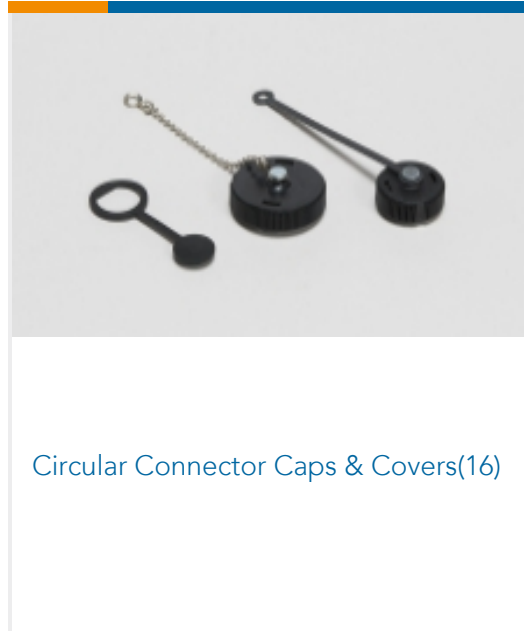


TE Part # 4-2407269-2  
CAP, CPC, SIZE 17 RECP, BLACK

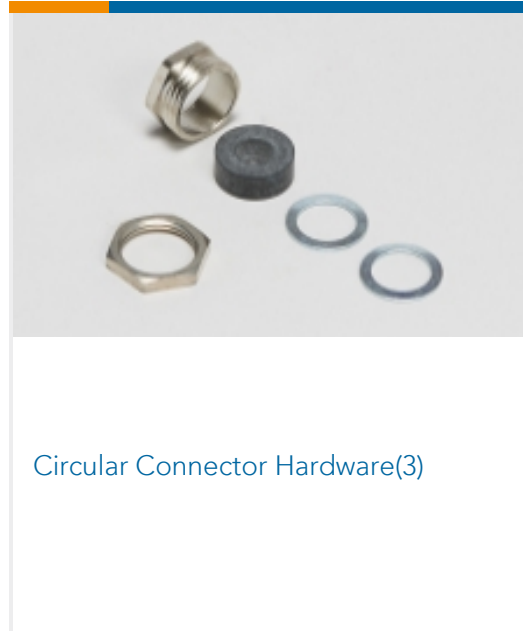
### Also in the Series | AMP CPC



Circular Connector Adapters(7)



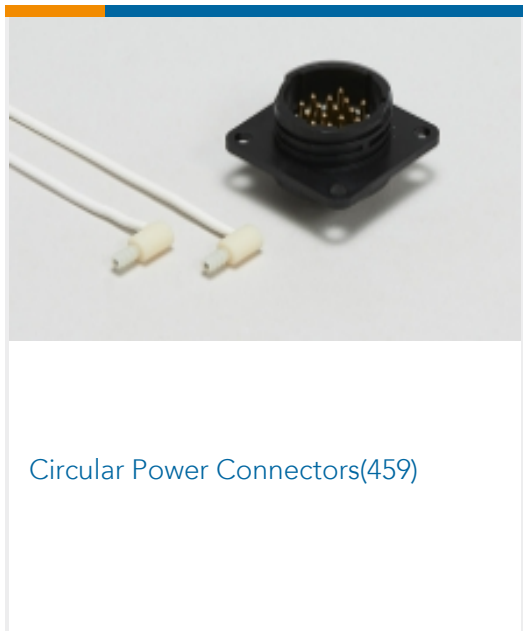
Circular Connector Caps & Covers(16)



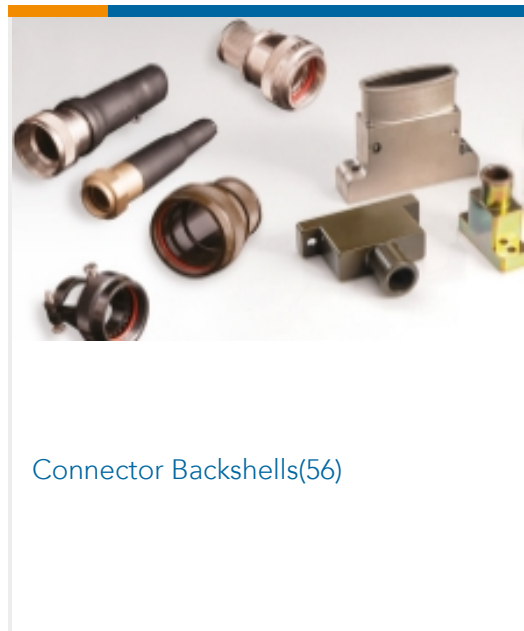
Circular Connector Hardware(3)



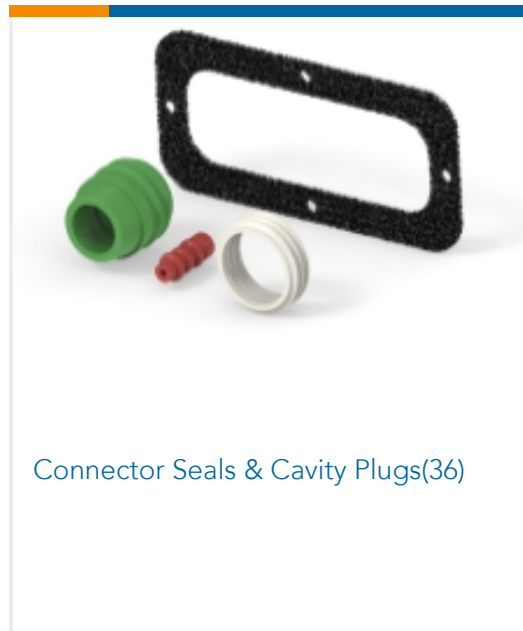
Circular Connector Keying Plugs(2)



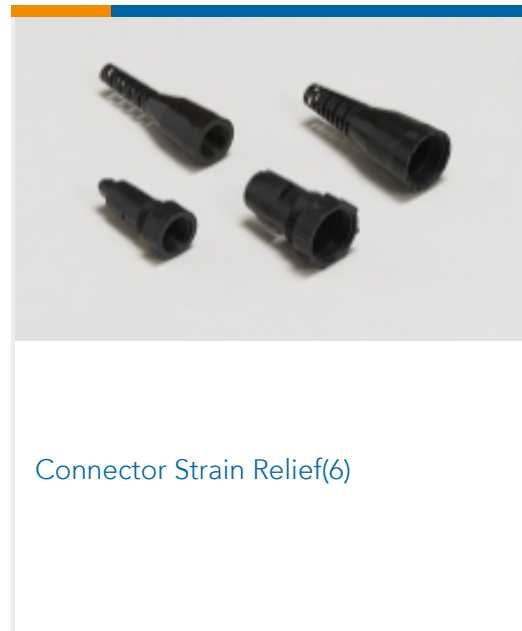
Circular Power Connectors(459)



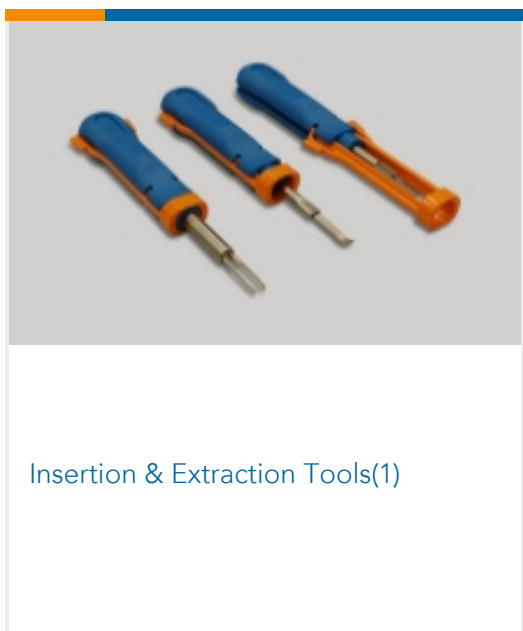
Connector Backshells(56)



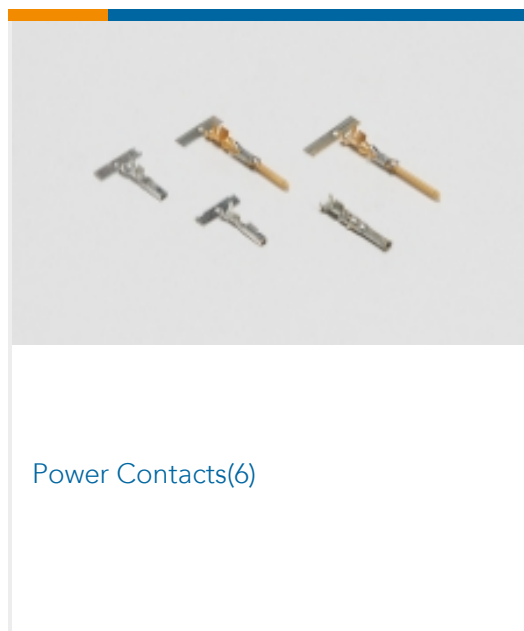
Connector Seals & Cavity Plugs(36)



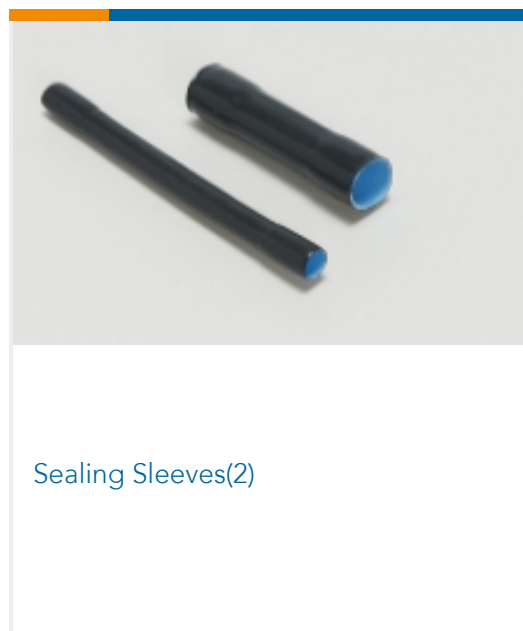
Connector Strain Relief(6)



Insertion & Extraction Tools(1)



Power Contacts(6)



Sealing Sleeves(2)

### Customers Also Bought



TE Part #182655-1  
CPC Cable Clamps, Available in EMEA



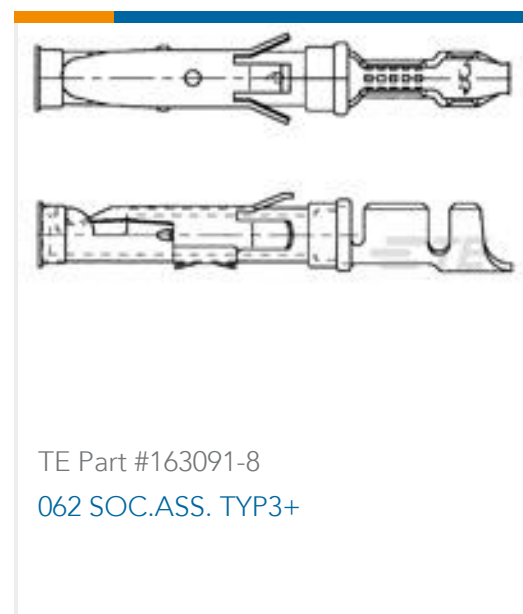
TE Part #182649-1  
17-14 CPC PLUG RS



TE Part #293270-5  
NECTOR S BUS BAR SEALED CONN,  
TAB LV-2



TE Part #5-2176326-0  
CRGP 0603 120K 1%



## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_206043-3\\_AN.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_206043-3\\_AN.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_206043-3\\_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\\_206043-3\\_071720181247\\_dmtec](#)

English

[MD\\_206043-3\\_071720181247\\_dmtec](#)

English

### Instruction Sheets

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

English

### Agency Approvals

[UL Report](#)

English