

206227-1 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 206227-1

Circular Power Connectors, Housing, 600 VDC, Wire-to-Panel, 7 Position, Wire & Cable, Receptacle, Reverse Gender, Socket, Power, Black, AMP CPC

[View on TE.com >](#)



Connectors > Power Connectors > Circular Power > Circular Power Connectors > CPC SERIES 3



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Number of Positions: **7**

Sealable: **No**

[All CPC SERIES 3 \(16\)](#)

## Features

### Product Type Features

Connector Product Type	Housing
Connector System	Wire-to-Panel
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	7
Number of Power Positions	7
Number of Signal Positions	0

### Electrical Characteristics



Operating Voltage	600 VAC
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### Contact Features

Reverse Gender	Yes
Contact Type	Socket
Contact Current Rating (Max)	32 A
Contact Protection	With

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
Screw & Hole Thread Size	1-3/8 - 18 UNEF-2A
Connector Mounting Type	Panel Mount
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	PA 6.6 GF
Circular Connector Shell Size	23

### Dimensions

Accepts Wire Insulation Diameter Range	5.59 mm [.22 in]
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
Fluid Resistance	None

### Operation/Application

Circuit Application	Power
Shielded	No

### Industry Standards

UL Flammability Rating	UL 94V-0
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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: JUNE 2022 (224)  
 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**

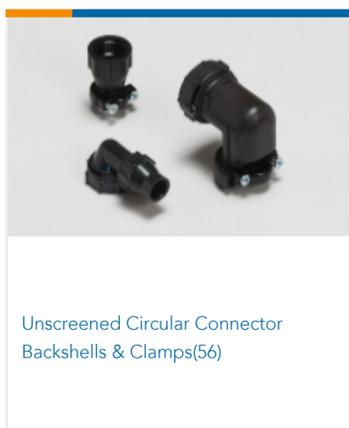
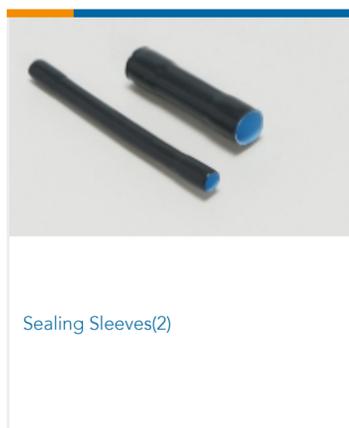
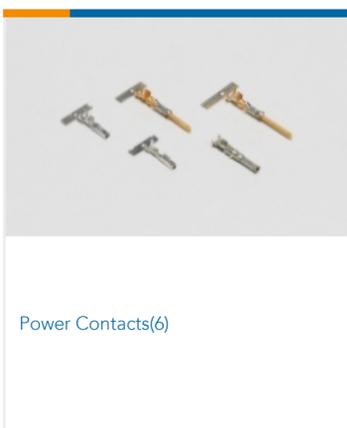
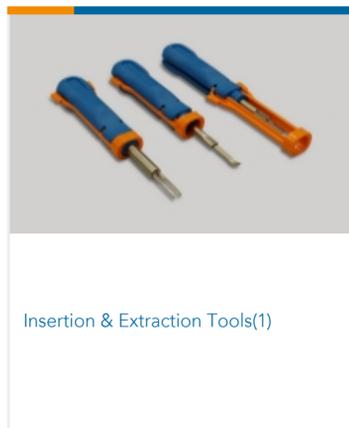
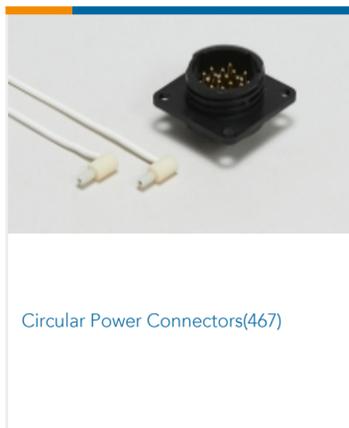
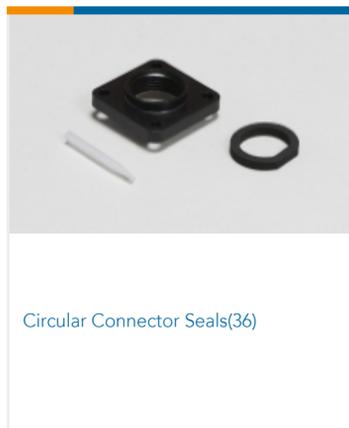
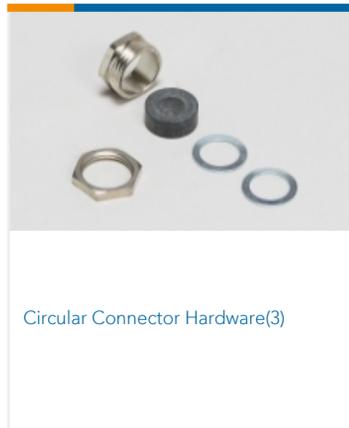
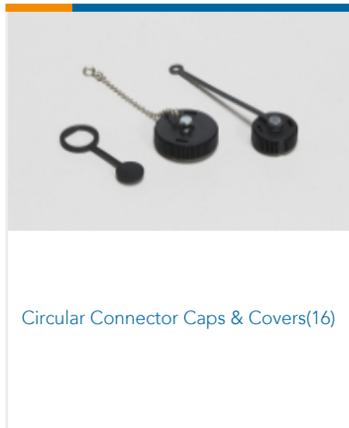
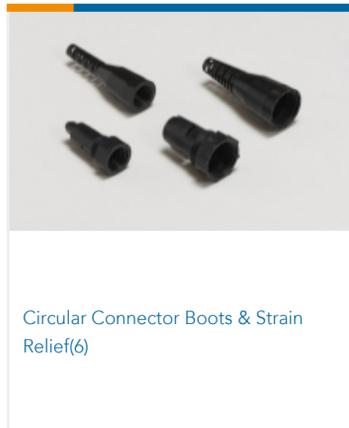
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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**





Also in the Series | AMP CPC



Documents



## Product Drawings

### 23-7 RECEPT REV SEX

English

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## CAD Files

### 3D PDF

English

### Customer View Model

[ENG\\_CVM\\_206227-1\\_M.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_206227-1\\_M.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_206227-1\\_M.3d\\_stp.zip](#)

English

### 3D PDF

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_206227-1\\_AE.2d\\_dxf.zip](#)

English

### Customer View Model

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English

### Customer View Model

[ENG\\_CVM\\_CVM\\_206227-1\\_AE.3d\\_stp.zip](#)

English

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## Datasheets & Catalog Pages

### AMP Circular Connectors for Commercial Signal & Power Applications

English

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## Product Specifications

### Connector, Circular Plastic

English

### Product Specification

English

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## Product Environmental Compliance

### TE Material Declaration

English

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## Instruction Sheets

### Instruction Sheet (U.S.)

English

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[Agency Approvals](#)

[UL Report](#)

English