

206207-1 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 206207-1

Circular Power Connectors, Housing, 600 VDC, Wire-to-Wire, 3 Position, Wire & Cable, Receptacle, Pin, Power, Black, All Plastic, PA 6.6 GF, AMP CPC

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



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Number of Positions: **3**

Sealable: **No**

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

## 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	3
Number of Power Positions	3
Number of Signal Positions	0

### Electrical Characteristics



Operating Voltage	600 VAC
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### Contact Features

Reverse Gender	No
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Contact Type	Pin
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Contact Current Rating (Max)	34 A
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Contact Protection	With
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### Termination Features

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

Panel Mount Feature Type	Flange
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Screw & Hole Thread Size	15/16-20 UNEF – 2A
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Mating Alignment	With
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Mating Retention	With
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Panel Mount Feature	With
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Mating Alignment Type	Keyed
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Mating Retention Type	Threaded Coupling
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### Housing Features

Body Orientation	Straight
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Housing Color	Black
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Housing Material	PA 6.6 GF
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Circular Connector Shell Size	17
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### 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]
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Fluid Resistance	None
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### Operation/Application

Circuit Application	Power
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Shielded	No
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### Industry Standards

UL Flammability Rating	UL 94V-0
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VDE Tested	No
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### 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

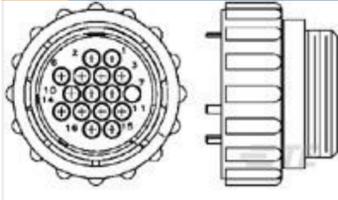




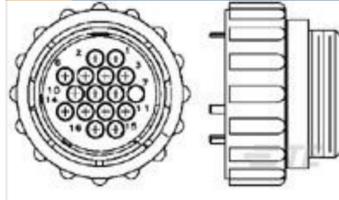

TE Part # 213810-1  
CPC COUPLING RING SIZE 17



TE Part # 7-1579008-6  
UNLOCKING TOOL



TE Part # 206037-3  
CPC PLUG ASSEMBLY SZ 17-16



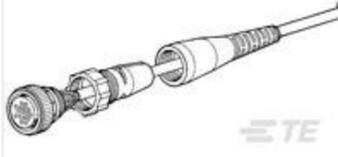
TE Part # 206037-4  
CPC PLUG ASSEMBLY SZ 17-16



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



TE Part # 207387-1  
CABLE GRIP, SZ 17, CPC



TE Part # 207387-2  
CABLE GRIP, SZ 17, CPC



TE Part # 207597-1  
PLUG, TYPE XII KEYING



TE Part # 4-2407269-1  
CAP, CPC, SIZE 17 RECP, ORANGE



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



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



TE Part # 4-2407269-2  
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(467)



Insertion & Extraction Tools(1)



Power Contacts(6)



Sealing Sleeves(2)



Unscreened Circular Connector Backshells &amp; Clamps(5)

## Documents

### Product Drawings

#### 17-3 RECEPT. FREE-HANGING

English

### CAD Files

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_206207-1\\_G.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_206207-1\\_G.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_206207-1\\_G.3d\\_stp.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_206207-1\\_S.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_206207-1\\_S.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_206207-1\\_S.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

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

English

### Product Environmental Compliance

[MD\\_206207-1\\_04092014013\\_dmtec](#)



English

[MD\\_206207-1\\_04092014013\\_dmtec](#)

English

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**Instruction Sheets**

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

English

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**Agency Approvals**

[UL Report](#)

English