

211768-1 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 211768-1

Circular Power Connectors, Housing, 600 VDC, Wire-to-Wire, 9 Position, Wire & Cable, Plug, Reverse Gender, Pin, Power & Signal, Black, AMP CPC

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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: **9**

Sealable: **No**

[All Cable/Panel Mount Connector, 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	Plug
Circular Connector Shell Type	All Plastic

### Configuration Features

Reverse Numbering	Without
Number of Positions	9
Number of Power Positions	0
Number of Signal Positions	9

### Electrical Characteristics



Operating Voltage	600 VAC
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### Contact Features

Reverse Gender	Yes
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Contact Type	Pin
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Contact Protection	With
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### Mechanical Attachment

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

Body Orientation	Straight
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Housing Color	Black
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Housing Material	Glass Filled Nylon 6/6
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Circular Connector Shell Size	17
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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 & Signal
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Shielded	No
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### Industry Standards

Agency/Standard	VDE
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UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	100
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Packaging Method	Bag
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## Product Compliance


For compliance documentation, visit the product page on [TE.com](https://www.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	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


 <p>TE Part # CAT-AM71-C83998J Cable/Panel Mount Connector, CPC Series 1</p>	 <p>TE Part # 1-213826-1 CPC 17-9 PSTD RECEPT ASSY LF</p>	 <p>TE Part # 207299-3 FLANGE PLUG MOUNT CPC</p>	 <p>TE Part # CAT-AM71-C83998 CPC Heat Shrink Strain Reliefs</p>
 <p>TE Part # CAT-AM71-C83998B CPC Cable Clamps</p>	 <p>TE Part # 81665-2 FLANGE GASKET CPC</p>	 <p>TE Part # CAT-AM71-T98 Pin and Socket Contacts, Type II</p>	 <p>TE Part # CAT-AM71-T98E Pin and Socket Contacts, Type III, LP</p>

TE Part # CAT-AM71-T98D  
Pin and Socket Contacts, Type III, LP  
EMEA




TE Part # CAT-AM71-T98A  
Strip Pin and Socket Contacts, Type III, LP



TE Part # CAT-AM71-T98G  
Pin and Socket Contacts, Type III, LP,  
High Current



TE Part # CAT-AM71-T98B  
Strip Pin and Socket Contacts, Type III



TE Part # CAT-AM71-T98F  
Strip Pin and Socket Contacts, Type III,  
High Current



TE Part # 213810-1  
CPC COUPLING RING SIZE 17



TE Part # 91542-1  
CCII TYPE III+ PIN SKT 24-22 ASSY



TE Part # 91515-1  
CCII TYPE III+ MNL PIN SKT 30-20  
ASSY



TE Part # 91519-1  
CCII TYPE III+ PIN SKT 18-14 ASSY



TE Part # 91505-1  
CCII TYPE III+ 24-16 ASSY




TE Part # 58495-1  
PRO CRIMPER ASSY MULTIMATE




TE Part # 91523-1  
CCII TYPE III+ PIN SKT 24-16 ASSY


Also in the Series | AMP CPC




Circular Power Connectors(458)




Connector Backshells(2)




Connector Caps & Covers(16)




Connector Hardware(12)



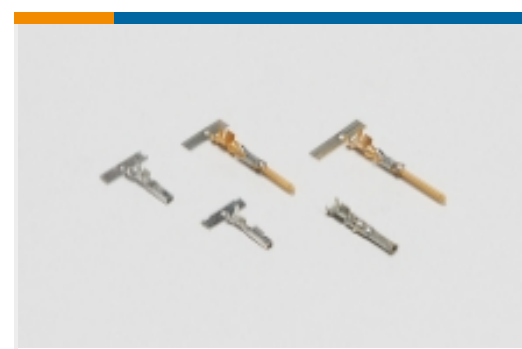
Connector Seals & Cavity Plugs(36)



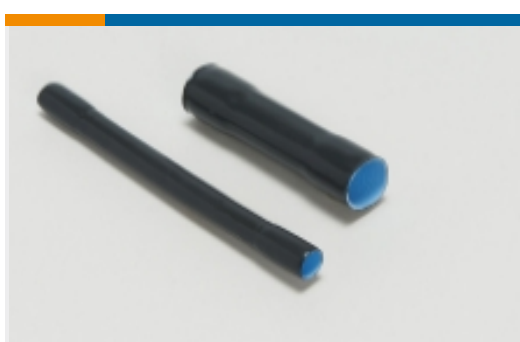
Connector Strain Relief(60)



Insertion & Extraction Tools(1)



Power Contacts(6)



Sealing Sleeves(2)

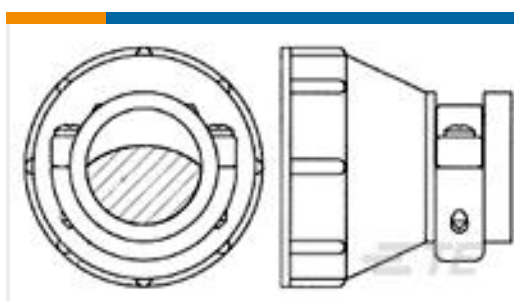
## Customers Also Bought



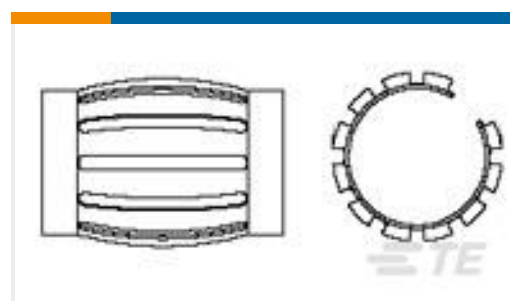
TE Part #211767-1  
Cable/Panel Mount Connector, CPC  
Series 1



TE Part #206429-1  
CPC PLUG ASSY, 11-4, REV SEX



TE Part #182655-1  
17 SIZE CPC STD CLAMP



TE Part #5-192039-4  
LA3S .157, .008, NI



TE Part #2-350379-1  
MR SPLT GROMET .250 DIA BLK LF

## Documents

### Product Drawings

CPC PLUG ASSEMBLY SIZE 17-9

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_211768-1\\_J.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_211768-1\\_J.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_211768-1\\_J.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

[Application Specification](#)

English

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### Product Environmental Compliance

[MD\\_211768-1\\_06302017517\\_dmtec](#)

English

[MD\\_211768-1\\_06302017517\\_dmtec](#)

English

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### Agency Approvals

[UL Report](#)

English