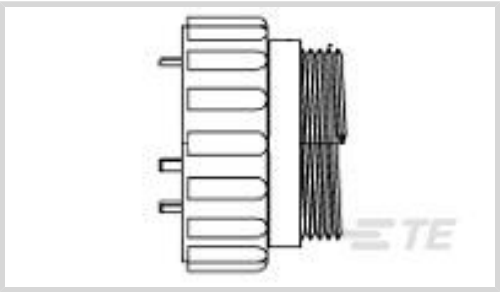




Connectors > Power Connectors > Circular Power > Circular Power Connectors > Cable/Panel Mount Connector, CPC Series 1



Connector Product Type: **Housing**
Operating Voltage: **600 VDC**
Connector System: **Wire-to-Wire**
Number of Positions: **4**
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 & Housing Type	Plug
Circular Connector Shell Type	All Plastic

Configuration Features

Reverse Numbering	With
Number of Positions	4
Number of Power Positions	0
Number of Signal Positions	4

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
Contact Type	Socket
Contact Current Rating (Max)	13 A
Contact Protection	With



Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Panel Mount Feature Type	Flange
Mating Retention Type	Threaded Coupling
Thread Size	5/8-24 UNEF-2A
Mating Retention	With
Panel Mount Feature	Without

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	PA 6.6 GF
Circular Connector Shell Size	11

Usage Conditions

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

Operation/Application

Circuit Application	Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	100
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: JAN 2024 (240)



Candidate List Declared Against: JAN 2024
(240)
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 # CAT-AM71-C83998Y One-Piece Connector, Sealed, CPC Series 1	 TE Part # CAT-AM71-C83998B CPC Cable Clamps	 TE Part # CAT-AM71-C83998 CPC Heat Shrink Strain Reliefs	 TE Part # CAT-AM71-C83998K Circular Connector, Environmentally Sealed, CPC Series 6
 TE Part # CAT-AM71-T98 Pin and Socket Contacts, Type II	 TE Part # CAT-AM71-T98E Pin and Socket Contacts, Type III, LP	 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 # 91542-1 CCII TYPE III+ PIN SKT 24-22 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



TE Part # 208800-1
SEALING CAP ASSY,SZ 11,CPC



TE Part # 207489-1
FLEXIBLE CABLE BOOT, SIZE 11



TE Part # 207490-1
CABLE GRIPPER, SIZE 11



TE Part # 193846-1
SKT ASSY.

Also in the Series | AMP CPC



Circular Power Connectors(458)



Connector Backshells(2)



Connector Caps & Covers(16)



Connector Contacts(6)



Connector Hardware(12)



Connector Seals & Cavity Plugs(36)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)



Sealing Sleeves(2)

Customers Also Bought



TE Part # 206552-1
CPC RECPT ASSEMBLY SIZE 17-16

TE Part # 206426-1
CPC PLUG ASSEMBLY SIZE 17-3

TE Part # 796381-2
R/A STRN RELIEF KIT, SZ 17, CPC

TE Part # 316079-002
55A1121-26-6/9-9

TE Part # 182921-1
CPC EMEA

TE Part # 164164-2
PIN ASS

TE Part # T4132412051-000
M12, FRONT MOUNT, MALE, B, 5P, SOLDER WIRE

TE Part # 172333-1
MINI UNIVERSAL M-N-L HOUSING

TE Part # 2-1393249-0
W58-XB1A4A-6=W58

Documents

Product Drawings

CPC PLUG ASSEMBLY SIZE 11-4

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_206516-1_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_206516-1_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_206516-1_N.3d_stp.zip

English

3D PDF

English



Customer View Model

[ENG_CVM_206516-1_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_206516-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_206516-1_D.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

Agency Approvals

[UL Report](#)

English