



Connectors > Power Connectors > Circular Power > Circular Power Connectors > CPC SERIES 1



Connector Product Type: **Housing**
Operating Voltage: **600 VDC**
Connector System: **Wire-to-Wire**
Number of Positions: **4**
Sealable: **No**

[All 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	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

Reverse Numbering	Without
Number of Positions	4
Number of Power Positions	0
Keying	A
Number of Signal Positions	4

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
Contact Type	Pin



Contact Protection	With
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Mechanical Attachment

Screw & Hole Thread Size	5/8-24 UNEF-2A
Connector Mounting Type	Cable Mount (Free-Hanging)
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	Nylon
Circular Connector Shell Size	11

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
VDE Tested	No

Packaging Features

Packaging Method	Package
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

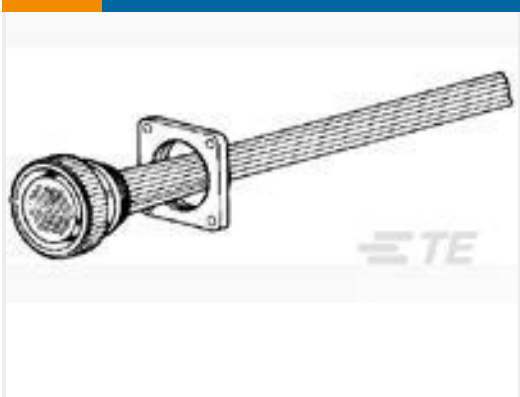


EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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

 TE Part # CAT-AM71-C83998K CPC SERIES 6	 TE Part # CAT-AM71-C83998B CPC CABLE CLAMPS	 TE Part # 207489-1 FLEXIBLE CABLE BOOT, SIZE 11	 TE Part # 213811-1 COUPLING RING, SZ 11, CPC
 TE Part # 207299-1 PLUG MTG. FLANGE NO 11 CPC	 TE Part # 2386907-1 PLUG CONN CA, STD, SER 1, SZ11-4, LGTH 0.5 M	 TE Part # 2386907-2 PLUG CONN CA, STD, SER 1, SZ11-4, LGTH 1.0 M	 TE Part # 2386907-3 PLUG CONN CA, STD, SER 1, SZ11-4, LGTH 2.0 M



TE Part # 207490-1
CABLE GRIPPER, SIZE 11

TE Part # 1-2407269-2
CAP, CPC, SIZE 11 RECP & 13 PLUG, BLACK

TE Part # 1-2407269-1
CAP, CPC, SIZE 11 RECP & 13 PLUG, ORANGE

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(517)

Insertion & Extraction Tools(1)

Power Contacts(6)

Sealing Sleeves(2)

Unscreened Circular Connector Backshells & Clamps(56)

Customers Also Bought

TE Part #206430-2
CONN RCPT HSNG FMALE 4POS INLINE

TE Part #206429-1
CPC SERIES 6

TE Part #1-66099-5
III+ PIN,18-16,TIN ,LP

TE Part #206358-5
CABLE CLAMP ASY, SIZE 11



Documents

Product Drawings

11-4 F.H. RECEPT. STD. SEX

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_206153-1_V.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_206153-1_V.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_206153-1_V.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_206153-1_09092017320_dmtec

English

MD_206153-1_09092017320_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals



[UL Report](#)

English