



Connectors > Power Connectors > Circular Power > Circular Power Connectors > CPC SERIES 2



Connector Product Type: **Housing**
Operating Voltage: **250 VDC**
Connector System: **Wire-to-Panel**
Number of Positions: **28**
Sealable: **No**

[All CPC SERIES 2 \(24\)](#)

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	28
Number of Power Positions	0
Number of Signal Positions	28

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	Yes
Contact Type	Socket
Contact Current Rating (Max)	7.5 A



Contact Protection	With
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Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
Screw & Hole Thread Size	15/16-20 UNEF-2A
Connector Mounting Type	Panel Mount
Mating Alignment	With
Mating Retention	With
Panel Mount Feature	With
Mating Alignment Type	Keyed
Mating Retention Type	Threaded Coupling

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	17

Dimensions

Accepts Wire Insulation Diameter Range	1.73 mm[.068 in]
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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
VDE Tested	No

Packaging Features

Packaging Method	Bag
Packaging Quantity	100

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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-C83998M
CPC SERIES 2



TE Part # CAT-AM71-C83998P
CPC ACCESSORIES



TE Part # CAT-AM71-C83998B
CPC CABLE CLAMPS



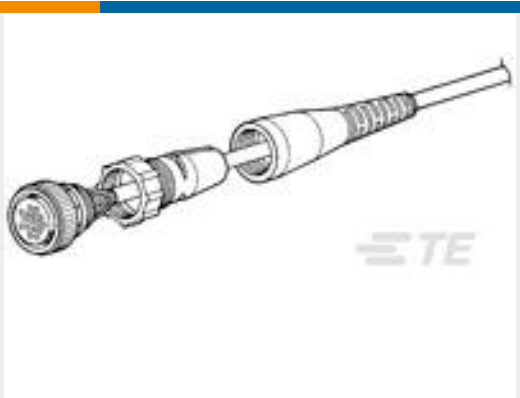
TE Part # CAT-AM71-C83998G
CPC ACCESSORIES



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 # 2387135-1
PLUG CONN CA, REV, SER 2,SZ 17-28, L 0.5M





TE Part # 2387135-2
PLUG CONN CA, REV, SER 2,SZ 17-28,
L 1M



TE Part # 2387135-3
PLUG CONN CA, REV, SER 2,SZ 17-28,
L 2M

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(513)



Insertion & Extraction Tools(1)



Power Contacts(5)



Sealing Sleeves(2)



Unscreened Circular Connector Backshells & Clamps(56)

Customers Also Bought



TE Part #205210-8
D-Sub Crimp: Plug, Signal, 37 Posn,
Pin Size 20, Shell Size 4



TE Part #205205-7
D-Sub Crimp Recpt Signal 15 Posn,
Socket Size 20, Shell Size 2



TE Part #205206-9
D-Sub Crimp: Plug, Signal, 15 Posn,
Pin Size 20, Shell Size 2



TE Part #1609117-8
CORCOM GG SERIES MULTI-FUNCTION INLET FI



TE Part #1-2273023-2
M12 A-CODE FEMALE STRAIGHT
PIGTAIL

TE Part #205839-3
CPC PLUG ASSEMBLY SIZE 17-28

TE Part #1-796636-0
10POS 5.08MM CE VRT HDR,TRM BK

TE Part #796636-8
8POS 5.08MM CE VRT HDR,TRM BLK

TE Part #200821-1
CMNL KEYING PLUG

TE Part #1-284041-0
TERMINAL BLOCK VERTICAL PLUG S

Documents

Product Drawings

CPC RECPT ASSEMBLY SIZE 17-28

English

CAD Files

3D PDF

3D

3D PDF

English

Customer View Model

ENG_CVM_206038-1_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_206038-1_H.3d_igs.zip

English

Customer View Model

ENG_CVM_206038-1_H.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_206038-1_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_206038-1_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_206038-1_R.3d_stp.zip

English



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Datasheets & Catalog Pages
AMP Circular Connectors for Commercial Signal & Power Applications
English

Product Specifications
Connector, Circular Plastic
English
Product Specification
English

Product Environmental Compliance
MD_206038-1_08232017021_dmtec
English
MD_206038-1_08232017021_dmtec
English

Instruction Sheets
Instruction Sheet (U.S.)
English

Agency Approvals
UL Report
English