



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



Connector Product Type: **Connector Assembly**
Operating Voltage: **250 VDC**
Connector System: **Wire-to-Board, Wire-to-Panel**
Number of Positions: **37**
Sealable: **No**

[All CPC SERIES 1 POSTED \(40\)](#)

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board, Wire-to-Panel
Sealable	No
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

Number of Positions	37
Number of Power Positions	0
Keying	A
Number of Signal Positions	37

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	No
Contact Type	Pin

Termination Features

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Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
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

Housing Color	Black
Housing Material	PA 6.6
Circular Connector Shell Size	23

Dimensions

Assembly Length	71.88 mm[2.83 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
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Packaging Features

Packaging Method	Tray
Packaging Quantity	8

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

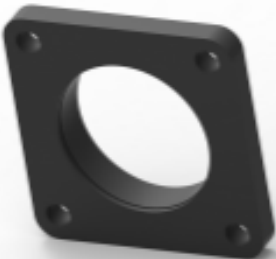
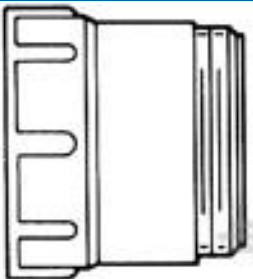


EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 265°C

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-C83998P CPC ACCESSORIES	 TE Part # CAT-AM71-C83998B CPC CABLE CLAMPS	 TE Part # 206150-3 CPC PLUG ASSEMBLY SIZE 23-37
 TE Part # 206150-2 CPC PLUG,SZ 23-37,SMALL PACK	 TE Part # 207055-1 EXTENDER BACK SHELL		

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)



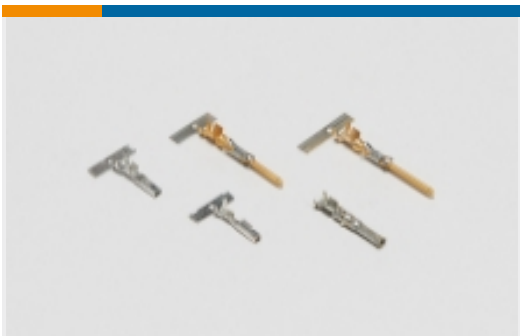
Circular Connector Seals(36)



Circular Power Connectors(513)



Insertion & Extraction Tools(1)



Power Contacts(5)



Sealing Sleeves(2)



Unscreened Circular Connector Backshells & Clamps(56)

Customers Also Bought



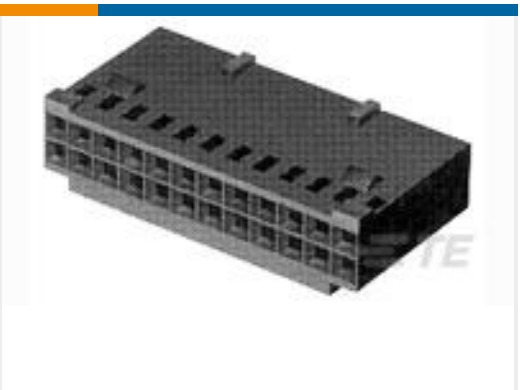
TE Part #1-796403-2
CPC SERIES 1 POSTED



TE Part #1394132-1
BLINDSTOPFEN F.D3,6



TE Part #1-2176308-1
RP 1E 0.1W 169K 0.1% 25PPM 5K RL



TE Part #1-87631-1
16 MODIV HSG COMP DR .100 POL



TE Part #1-640250-2
3.96mm Wire-to-board housing:
receptacle, with mating alignment, SL
156



TE Part #1-770170-1
03P MINI UMNL ASSY VO SNAU LF



TE Part #1-796406-2
CPC PSTD RCPT,23-37,R/A LF, inserts



TE Part #87527-2
02 MODII HDR SRST UNSHRD .100

Documents



Product Drawings

CPC PSTD RCPT,23-37,R/A LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-796406-1_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-796406-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-796406-1_G.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

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English