



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



Connector Product Type: **Housing**
Operating Voltage: **250 VDC**
Connector System: **Wire-to-Wire**
Number of Positions: **57**
Sealable: **No**

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

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	57
Number of Power Positions	0
Number of Signal Positions	57

Electrical Characteristics

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Operating Voltage	250 VAC
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Contact Features

Reverse Gender	Yes
Contact Type	Pin
Contact Current Rating (Max)	7.5 A
Contact Protection	With

Mechanical Attachment

Panel Mount Feature Type	Flange
Screw & Hole Thread Size	1-3/8 - 18 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	Thermoplastic
Circular Connector Shell Size	23

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 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-C83998M
CPC SERIES 2



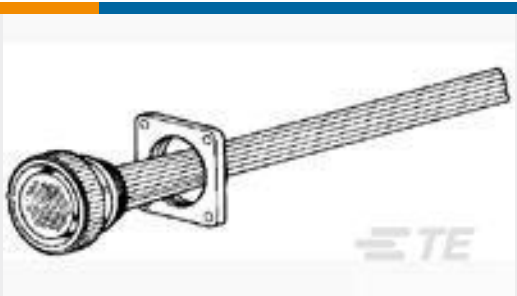
TE Part # 1-796329-1
23-57 CPC PSTD SKT RECPT LF



TE Part # CAT-035-DCCSC20
D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20



TE Part # CAT-035-DCCPB20
D-Sub Connector Contacts: Pin, Brass, Signal, Size 20



TE Part # 207299-4
FLANGE PLUG



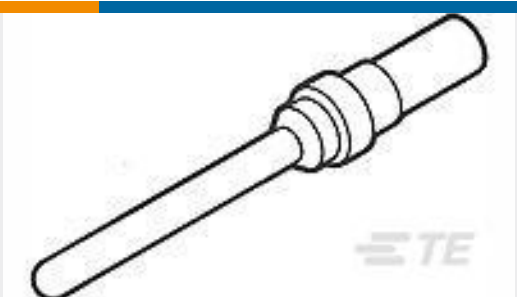
TE Part # CAT-AM71-C83998B
CPC CABLE CLAMPS



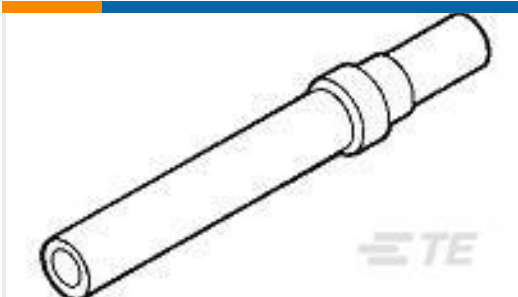
TE Part # 213812-1
COUPLING RING,SZ 23,CPC



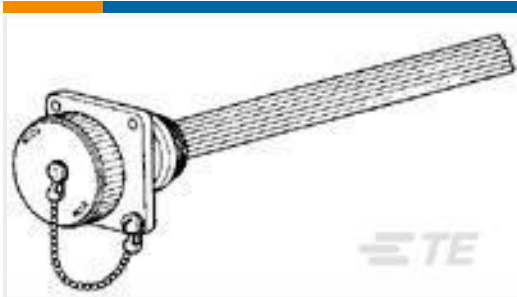
TE Part # 91503-1
CCII AMPLIMITE 20 DF PIN SKT 28-20 ASSY



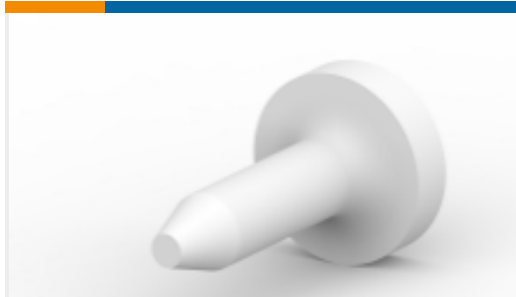
TE Part # 205089-1
HD 20 PIN CONTACT



TE Part # 205090-1
HD 20 SOCKET CONTACT



TE Part # 208680-2
SEALING CAP ASSY,SZ 23,CPC



TE Part # 206509-1
SIZE 20 KEYING PLUG



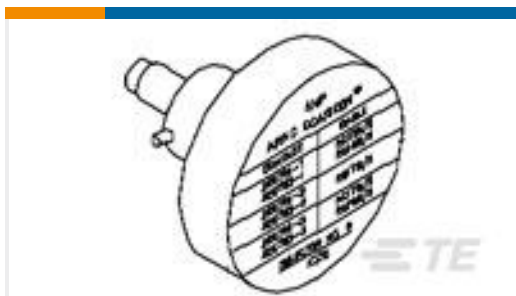
TE Part # 796329-3
23-57 CPC POSTD SKT RECPT



TE Part # 207446-4
SEALING CAP ASSY,SZ 23,CPC



TE Part # 54012-1
CPC STRAIN RELIEF,SIZE 23



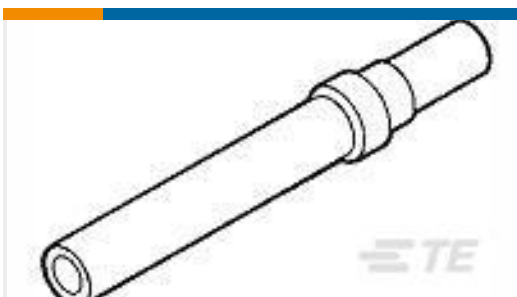
TE Part # 601966-5
K13-1 POSITIONER



TE Part # 601966-1
CRIMPING TOOL M22520/2-01



TE Part # 205089-2
PIN CONTACT,SZ 20,AMPLIMITE



TE Part # 205090-2
SKT CONT ASSY,SZ 20,AMPLIMITE



TE Part # 796329-4
23-57 CPC PSTD SKT RECPT LF

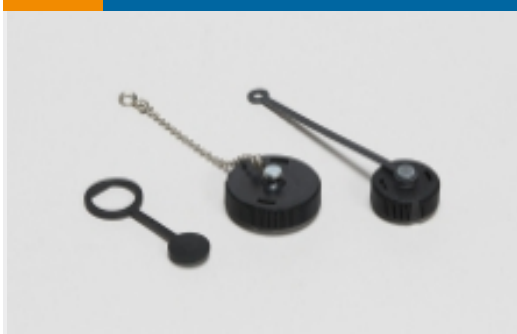
Also in the Series | AMP CPC



Circular Connector Adapters(7)



Circular Connector Boots & Strain Relief(6)



Circular Connector Caps & Covers(16)



Circular Connector Hardware(3)





Circular Connector Keying Plugs(2)



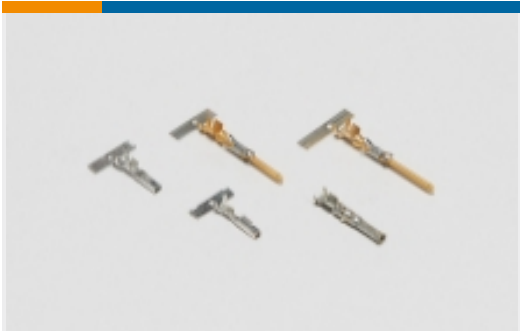
Circular Connector Seals(36)



Circular Power Connectors(517)



Insertion & Extraction Tools(1)



Power Contacts(6)



Sealing Sleeves(2)



Unscreened Circular Connector Backshells & Clamps(56)

Customers Also Bought



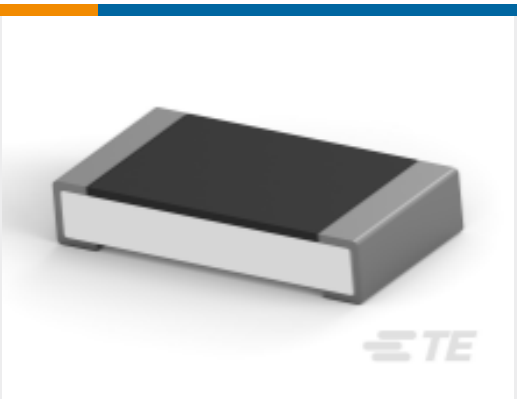
TE Part #206039-1
CPC SERIES 2



TE Part #3-2176364-1
RQ 0402 9K53 0.1% 10PPM 5K RL



TE Part #3-2176370-4
RQ 0603 953R 0.1% 10PPM 5K RL



TE Part #2-2176388-8
RQ 1206 19R1 0.1% 10PPM 5K RL



TE Part #4-2176388-6
RQ 1206 29R4 0.1% 10PPM 5K RL



TE Part #9-2176388-5
RQ 1206 95R3 0.1% 10PPM 5K RL



TE Part #175285-3
DYNAMIC D-3 TAB CONT. M AU 0.76



TE Part #2-2176372-8
RQ 0603 95K3 0.1% 10PPM 5K RL

Documents

Product Drawings
CPC PLUG ASSEMBLY SIZE 23-57
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_206437-1_K.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_206437-1_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_206437-1_K.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 Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Instruction Sheets

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

English

Agency Approvals

[CSA Certificate](#)

English