



Connectors > Power Connectors > Circular Power > Circular Power Connectors > CPC Connectors, Series 2



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

[All CPC Connectors, Series 2 \(23\)](#)

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	28
Number of Power Positions	0
Number of Signal Positions	28

Electrical Characteristics

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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

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Panel Mount Feature Type	Flange
Mating Retention Type	Threaded Coupling
Thread Size	15/16-20 UNEF – 2A
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With
Panel Mount Feature	Without

Housing Features

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

Dimensions

Compatible 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
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Packaging Features

Packaging Quantity	100
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Packaging Method	Bag
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

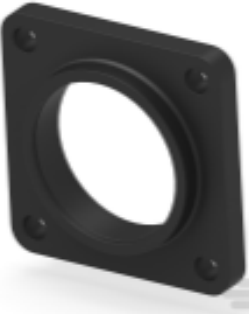
Product Compliance Disclaimer

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 # 206039-1
CPC PLUG ASSEMBLY SIZE 17-28



TE Part # 207299-3
FLANGE PLUG MOUNT CPC



TE Part # CAT-AM71-C83998B
CPC Cable Clamps



TE Part # 213810-1
CPC COUPLING RING SIZE 17





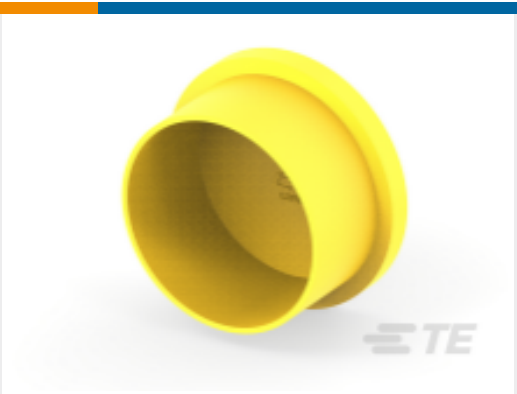
TE Part # 207241-1
CABLE BOOT,SZ 17,CPC



TE Part # 207387-1
CABLE GRIP,SZ 17,CPC



TE Part # 207387-2
CABLE GRIP,SZ 17,CPC



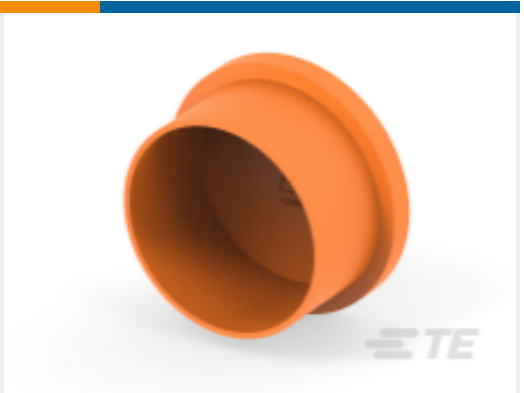
TE Part # 4-2407269-4
CAP, CPC, SIZE 17 RECP, YELLOW



TE Part # 4-2407269-3
CAP, CPC, SIZE 17 RECP, RED



TE Part # 4-2407269-2
CAP, CPC, SIZE 17 RECP, BLACK



TE Part # 4-2407269-1
CAP, CPC, SIZE 17 RECP, ORANGE

Also in the Series

AMP CPC



Circular Power Connectors(458)



Connector Backshells(1)



Connector Caps & Covers(19)



Connector Contacts(6)



Connector Hardware(12)



Connector Seals & Cavity Plugs(36)



Connector Strain Relief(60)



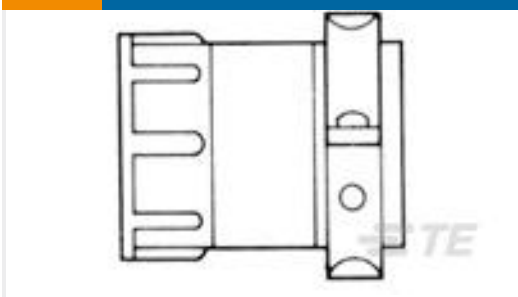
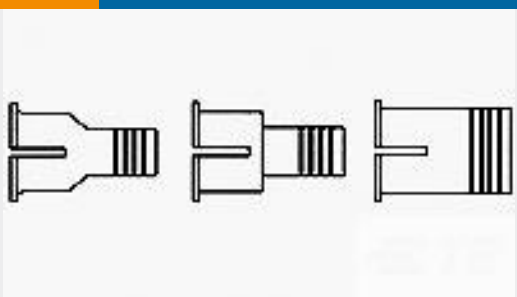
Insertion & Extraction Tools(1)



Sealing Sleeves(2)

Customers Also Bought



 TE Part #035377P004 ES1000-NO.3-B8-X-STK	 TE Part #206322-9 CABLE CLAMP SIZE 17	 TE Part #202236-5 III+ PIN,SOLTAB,TIN,LP	 TE Part #62382-1 SPLICE 25/26 .012 BR
 TE Part #7-745129-4 SHLDING FERRULE,PLTD,BULK PKG	 TE Part #EM7081-000 THA-PDKG-09	 TE Part #4-745130-2 SHLDING FERRULE,PLTD,BULK PKG	 TE Part #ASA021F01730235000 623 PLUG
 TE Part #ASA046F0186050A000 617 PLUG, SPEEDTEC	 TE Part #BSA108F05580236000 923 PLUG, SHORT		

Documents

Product Drawings
CPC RECPT ASSEMBLY SIZE 17-28
English

CAD Files
3D PDF
English
Customer View Model
ENG_CVM_206038-2_H.2d_dxf.zip
English
Customer View Model
ENG_CVM_206038-2_H.3d_igs.zip
English
Customer View Model
ENG_CVM_206038-2_H.3d_stp.zip
English
3D PDF
3D



Customer View Model

[ENG_CVM_CVM_206038-2_R.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_206038-2_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_206038-2_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

Instruction Sheets

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

English

Agency Approvals

[CSA Certificate](#)

English

[CSA Certificate](#)

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