



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



Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC**

Connector System: **Wire-to-Panel**

Number of Positions: **9**

Sealable: **No**

[All CPC SERIES 2 POSTED \(8\)](#)

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Panel
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

Number of Positions	9
Number of Power Positions	0
Number of Signal Positions	9

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	No
Contact Type	Pin
Contact Current Rating (Max)	7.5 A
Contact Protection	With



Termination Features

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

Panel Mount Feature Type	Flange with Threaded Inserts
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	Thermoplastic
Circular Connector Shell Size	11

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
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Packaging Features

Packaging Method	Bag
Packaging Quantity	40

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC

Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUL 2021 (219)
 Candidate List Declared Against: JAN 2021 (211)
 SVHC > Threshold:
 Pb (3.7% in Component)

Article Safe Usage Statements:
 Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Yet Reviewed for halogen content

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>

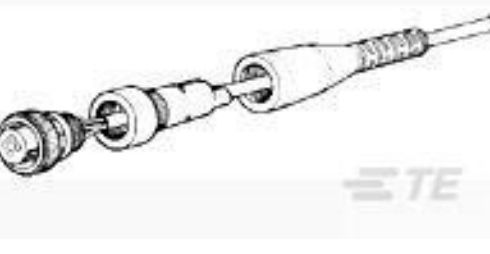
Compatible Parts



TE Part # 206485-1
CPC PLUG ASSEMBLY SIZE 11-9




TE Part # CAT-AM71-C83998B
CPC CABLE CLAMPS



TE Part # 207489-1
FLEXIBLE CABLE BOOT, SIZE 11



TE Part # 207490-1
CABLE GRIPPER, SIZE 11



TE Part # 213811-1
COUPLING RING, SZ 11, CPC



TE Part # 207299-1
PLUG MTG. FLANGE NO 11 CPC

Also in the Series | **AMP CPC**



Circular Connector Adapters(7)



Circular Connector Boots & Strain Relief(6)



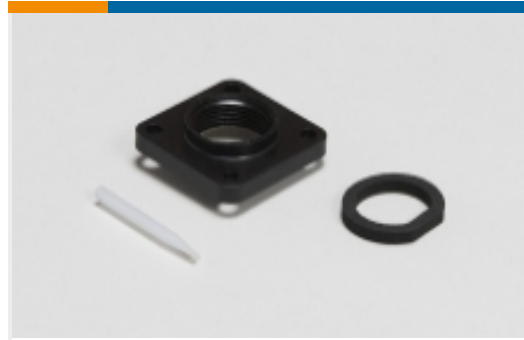
Circular Connector Caps & Covers(16)



Circular Connector Hardware(3)



Circular Connector Keying Plugs(2)



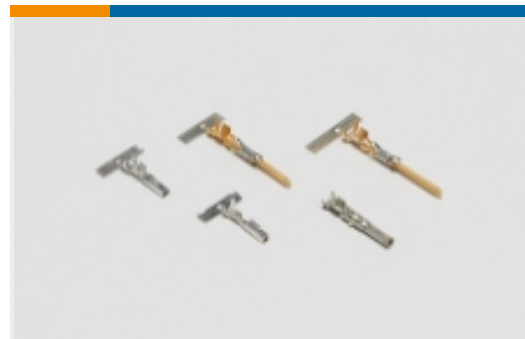
Circular Connector Seals(36)



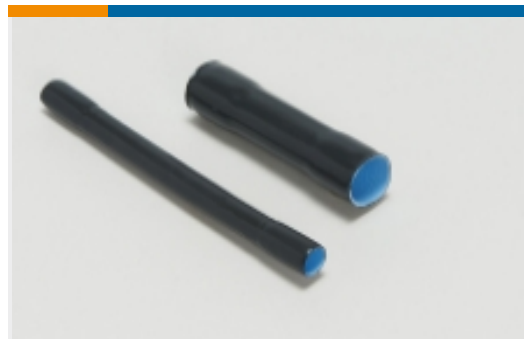
Circular Power Connectors(513)



Insertion & Extraction Tools(1)



Power Contacts(6)



Sealing Sleeves(2)



Unscreened Circular Connector Backshells & Clamps(56)

Customers Also Bought



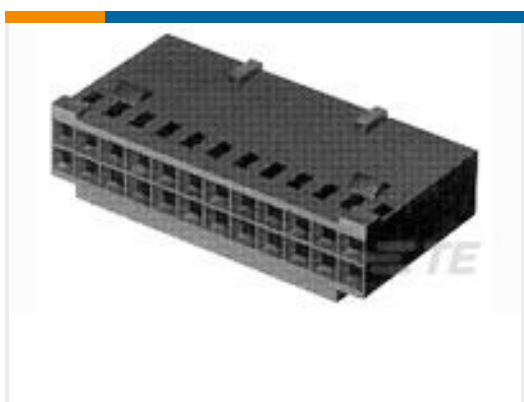
TE Part #206485-1
CPC SERIES 2



TE Part #5646489-1
2MM H.M. A/B-22 RECEPT. ASSY.



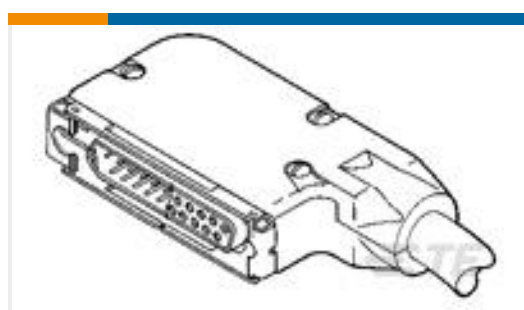
TE Part #211401-4
RECEPT,SZ 13-7,CPC



TE Part #2-87631-5
30 MODIV HSG COMP DR .100 POL



TE Part #5745174-5
CABLE CLAMP KIT,SZ 4



TE Part #5745653-3
DIECAST STRAIN RELIEF KIT,SZ 3



TE Part #0120930001
TMS-SCE-1K-3/8-2.0-9



TE Part #311292-000
TMS-RJS-RIBBON-4DSCE

Documents



Product Drawings

CPC RECPT ASSEMBLY SIZE 11-9

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_206852-8_AK_c-206852-8-ak.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_206852-8_AK_c-206852-8-ak.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_206852-8_AK_c-206852-8-ak.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

Connector, Circular Plastic

English

Product Specification

English