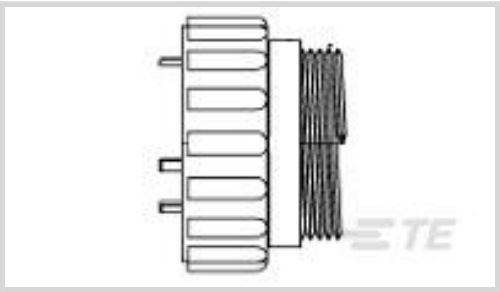




Connectors > Power Connectors > Circular Power > Circular Power Connectors > CPC SERIES 1



Connector Product Type: **Housing**
Operating Voltage: **250 VDC**
Connector System: **Wire-to-Wire**
Number of Positions: **16**
Sealable: **No**

[All CPC SERIES 1 \(57\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	No
Connector & Housing Type	Plug
Circular Connector Shell Type	All Plastic

Configuration Features

Reverse Numbering	With
Number of Positions	16
Number of Power Positions	0
Number of Signal Positions	16

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	No
Contact Type	Socket
Contact Current Rating (Max)	13 A
Contact Protection	With



Mechanical Attachment

Panel Mount Feature Type	Flange
Screw & Hole Thread Size	15/16-20 UNEF-2A
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	PA 6.6 GF
Circular Connector Shell Size	17

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	Standard
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	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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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-C83998J CPC SERIES 1	 TE Part # CAT-AM71-C83998P CPC ACCESSORIES	 TE Part # CAT-AM71-C83998 HEAT SHRINK STRAIN RELIEFS-CPC	 TE Part # CAT-AM71-C83998L CPC SEALED ACCESSORIES
 TE Part # CAT-AM71-T98 TYPE II CONTACTS	 TE Part # CAT-AM71-T98E TYPE III CONTACTS LP	 TE Part # CAT-AM71-T98D TYPE III CONTACTS LP EMEA	 TE Part # CAT-AM71-T98A TYPE III CONTACTS LP



TE Part # CAT-AM71-T98G
TYPE III CONTACTS LP HIGH CURRENT



TE Part # CAT-AM71-T98B
TYPE III CONTACTS STRIP



TE Part # CAT-AM71-T98F
TYPE III CONTACTS STRIP HIGH CURRENT



TE Part # CAT-AM71-C83998B
CPC CABLE CLAMPS



TE Part # CAT-AM71-C83998G
CPC ACCESSORIES



TE Part # 91542-1
CCII TYPE III+ PIN SKT 24-22 ASSY



TE Part # 91515-1
CCII TYPE III+ MNL PIN SKT 30-20 ASSY



TE Part # 91519-1
CCII TYPE III+ PIN SKT 18-14 ASSY



TE Part # 91505-1
CCII TYPE III+ 24-16 ASSY



TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE



TE Part # 91523-1
CCII TYPE III+ PIN SKT 24-16 ASSY



TE Part # 91521-1
CCII TYPE III+ PIN SKT 18-14 ASSY

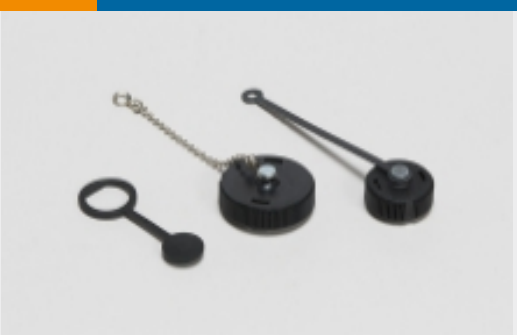
Also in the Series | AMP CPC



Circular Connector Adapters(7)



Circular Connector Boots & Strain Relief(6)



Circular Connector Caps & Covers(16)



Circular Connector Hardware(3)



Circular Connector Keying Plugs(2)



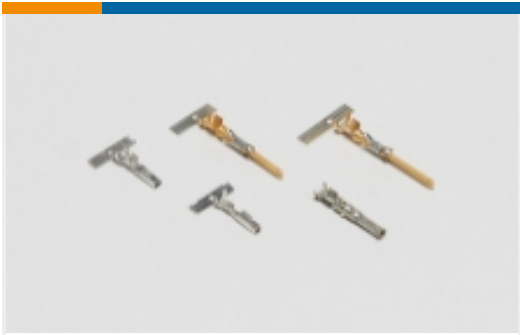
Circular Connector Seals(36)



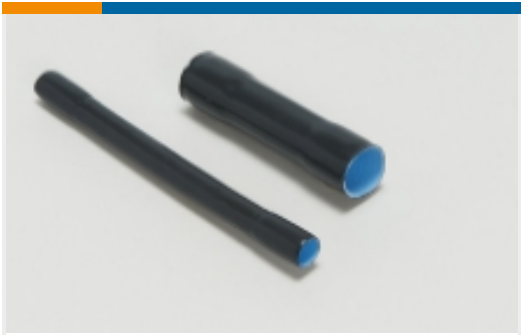
Circular Power Connectors(513)



Insertion & Extraction Tools(1)



Power Contacts(5)



Sealing Sleeves(2)



Unscreened Circular Connector Backshells & Clamps(56)

Customers Also Bought



TE Part #1-66100-9
TYPE III CONTACTS STRIP



TE Part #205311-3
D-Sub Conn Contacts: Socket, Copper Alloy, Signal, Size 20



TE Part #2-747580-3
SHLDING FERRULE,PLTD TIN,BULK



TE Part #2-350375-0
MR SPLT GROMET .296 DIA BLK LF



TE Part #1-6450869-0
V/R
2ACP+8S+4ACP+16S+2ACP+12S+2ACP



TE Part #201922-1
SERIES M LOCKING SPRING CATCH



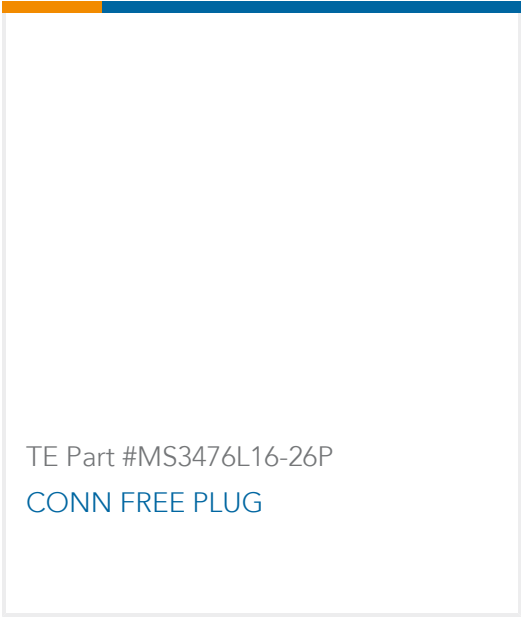
TE Part #202800-2
RECEPT ASSY,160 POS,M-SERIES



TE Part #1-350524-9
24P STR/REL HNGD BLK



TE Part #2027037-1
84-004=W67, TOGGLE GUARD



TE Part #MS3476L16-26P
CONN FREE PLUG

Documents

Product Drawings

CPC PLUG ASSEMBLY SIZE 17-16

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_206554-1_H.2d_dxf.zip



English

Customer View Model

[ENG_CVM_206554-1_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_206554-1_H.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

Agency Approvals

[UL Report](#)

English