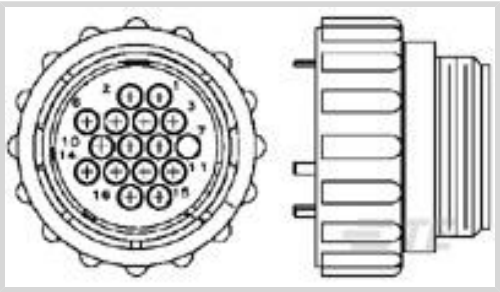




Connectors > Power Connectors > Circular Power > Circular Power Connectors



Connector Product Type: **Housing**
Operating Voltage: **600 VDC**
Connector System: **Wire-to-Wire**
Number of Positions: **16**
Sealable: **No**

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	16
Number of Power Positions	0
Keying	A
Number of Signal Positions	16

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
Contact Type	Socket
Contact Protection	With



Mechanical Attachment

Screw & Hole Thread Size	15/16-20 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	17

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	None

Operation/Application

Circuit Application	Power & 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 2021 (211)



Candidate List Declared Against: JUN 2016
(169)
SVHC > Threshold:
Not Yet Reviewed

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

 TE Part # CAT-AM71-C83998J CPC SERIES 1	 TE Part # CAT-AM71-C83998AA CPC SERIES 6 TWO-PIECE	 TE Part # CAT-AM71-C83998BB CPC SERIES 3	 TE Part # CAT-AM71-C83998F CPC SERIES 1 POSTED
 TE Part # 796404-1 CPC POSTED RCPT,17-16,R/A	 TE Part # 206036-3 RECEPT,SZ 17-16,CPC	 TE Part # 206036-1 RECEPT,SZ 17-16 CPC	 TE Part # 206036-7 CPC RECPT,SZ 17-16,SMALL PACK

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)



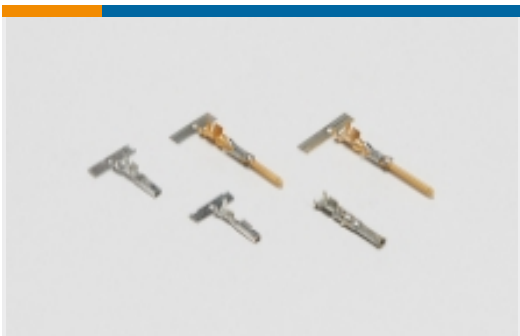
Circular Connector Seals(36)



Circular Power Connectors(513)



Insertion & Extraction Tools(1)



Power Contacts(5)



Sealing Sleeves(2)



Unscreened Circular Connector Backshells & Clamps(56)

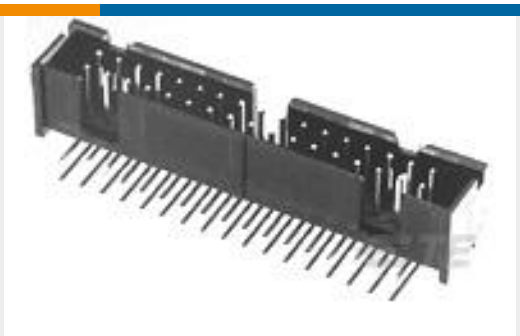
Customers Also Bought



TE Part #2-1879450-2
Wirewound Resistor: Mineral, 2.5 Kw



TE Part #1676418-2
RN 0805 6K81 0.1% 10PPM 1KRL



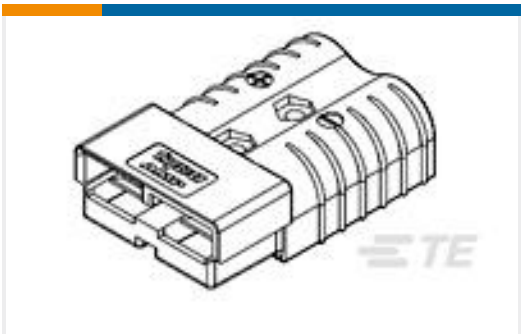
TE Part #1-5103311-2
A/L LOW PRO HDR 60P RA BLACK



TE Part #1676182-3
RN 0805 13K7 0.1% 10PPM 5KRL



TE Part #1-331420-1
BODY SOLIS RING 4HD 3/8



TE Part #1604050-5
350A HOUSING SUB-ASSY,BLUE



TE Part #1118012001
Dual Wall DSPL Stick Heat Shrink Tubing



TE Part #206036-1
RECEPT,SZ 17-16 CPC



Documents

Product Drawings

CPC PLUG ASSEMBLY SZ 17-16

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_206037-3_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_206037-3_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_206037-3_R.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English