206151-3 ✔ ACTIVE

AMP | AMP CPC

TE Internal #: 206151-3

AMP CPC, Circular Power Connectors, Housing, Operating Voltage 600 VDC, Wire-to-Wire, 37 Position, Sealable, Wire & Cable, Receptacle, Pin

View on TE.com >

Connectors > Power Connectors > Circular Power > Circular Power Connectors > CPC SERIES 6

Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Number of Positions: **37**

Sealable: **Yes**

All CPC SERIES 6 (19)

Features

Product Type Features

Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

Reverse Numbering	Without
Number of Positions	37
Number of Power Positions	0
Seal Type	Peripheral
Keying	A
Number of Signal Positions	37

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Reverse Gender	No

Contact Type	Pin
Contact Protection	With

Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
Screw & Hole Thread Size	1-3/8 - 18 UNEF-2A
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

Body Orientation	Straight
Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	23

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	Immersion

Operation/Application

Circuit Application	Power & Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0
VDE Tested	No

Packaging Features

Packaging Method	Standard
Packaging Quantity	1

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	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 # CAT-AM71-C83998
HEAT SHRINK STRAIN RELIEFS-CPC

TE Part # CAT-AM71-C83998K
CPC SERIES 6

TE Part # CAT-AM71-C83998Z
CPC SEALING KITS/ACCESSORIES

TE Part # 206150-3
CPC PLUG ASSEMBLY SIZE 23-37

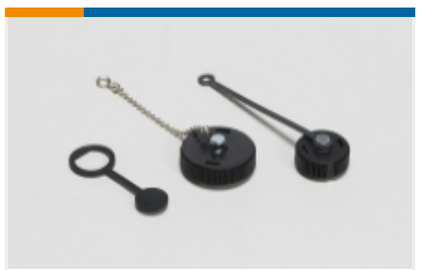
TE Part # 206150-2
CPC PLUG,SZ 23-37,SMALL PACK

TE Part # CAT-AM71-C83998L
CPC SEALED ACCESSORIES

Also in the Series | AMP CPC

Circular Connector Adapters(7)

Circular Connector Boots & Strain Relief(6)



Circular Connector Caps & Covers(16)

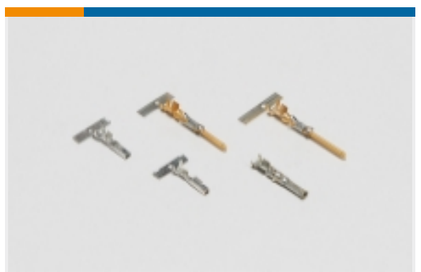
Circular Connector Hardware(3)

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

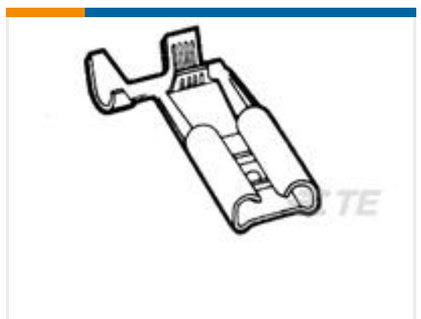
TE Part #165617-2
PIDG FASTON RECPT QUICK DISCONNECTS

TE Part #163084-1
TYPE III CONTACTS LP EMEA

TE Part #1-206138-0
CPC CABLE CLAMPS

TE Part #1825136-7
A101KZQ04

TE Part #1565804-1
TH/.025 CONNECTOR SYSTEM, HOUSING



TE Part #180388-2
250 FASTON,REC.,20-16 AWG,TPBR

TE Part #1571990-1
TSPD11CGPC004

TE Part #1-929939-1
TIMER, RECEPTACLE AND TAB

TE Part #963534-1
TIMER, CONNECTOR HOUSING

TE Part #1571987-5
A201J1CQ004=DBL POLE, ROCKER

Documents

Product Drawings

CPC RECPT SEALED SIZE 23-37

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_206151-3_AF.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_206151-3_AF.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_206151-3_AF.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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals

UL Report

English