

182651-1  ACTIVE

AMP | AMP CPC

TE Internal #: 182651-1

4 Position Circular Power Connector, Housing, 600 VDC, Wire-to-Wire, Wire & Cable, Plug, Reverse Gender, Pin, Power & Signal, Black, AMP CPC

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Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 4

Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Sealable: **No**

## Features

### Packaging Features

Packaging Quantity	100
Packaging Method	Bag

### Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	5/8-24 UNEF-2A
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With
Panel Mount Feature	Without

### Industry Standards

CSA Rating	Certified
UL Flammability Rating	UL 94V-0

### Housing Features



Body Orientation	Straight
Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	11

### Configuration Features

Reverse Numbering	Without
Number of Positions	4
Number of Power Positions	0
Number of Signal Positions	4

### 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

### Electrical Characteristics

Operating Voltage	600 VAC
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### Contact Features

Reverse Gender	Yes
Contact Type	Pin
Contact Protection	With

### Usage Conditions

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

### Operation/Application

Circuit Application	Power & Signal
Shielded	No

### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

## 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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



Also in the Series | [AMP CPC](#)



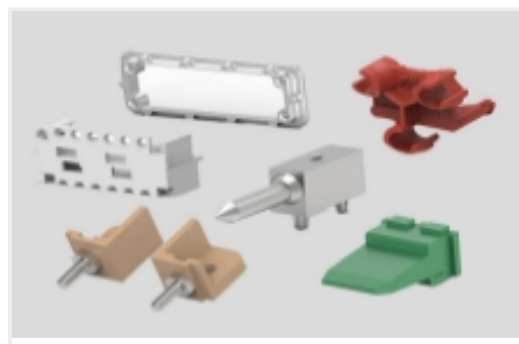
Circular Connector Backshells & Clamps(1)



Circular Power Connectors(423)



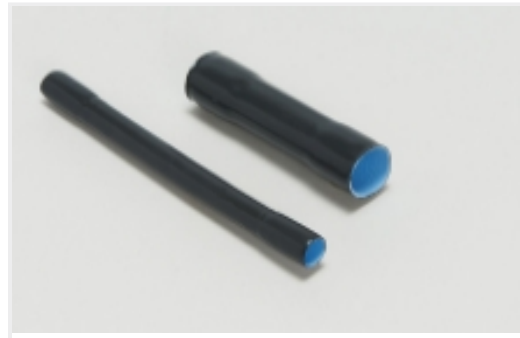
Connector Contacts(6)



Connector Hardware(12)



Power Contacts(6)



Sealing Sleeves(2)

### Customers Also Bought



TE Part #182649-1  
17-14 CPC PLUG RS



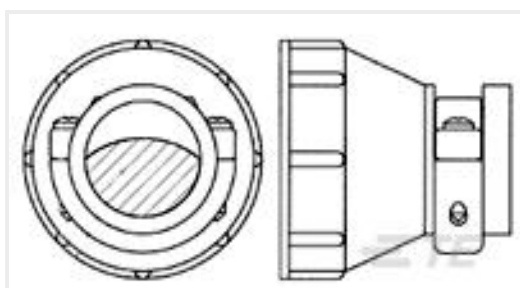
TE Part #1-2308273-1  
QL-SET VAR A W/STP MO FOR  
COMBLOCK M3THD



TE Part #1-1981458-6  
DYNAMIC D-5 V-HDR ASSY 4P Ag XX



TE Part #6-1437719-9  
T01-0570-S04-FEMALE REC PANEL-  
PCB STRT



TE Part #182928-1  
CPC Cable Clamp Kit, Size 11, Large,  
UV



TE Part #1-2176089-9  
RP 1J 0.166W 16K9 0.1% 25PPM 1K RL



TE Part #206430-1  
RECPT, SZ 11-4, CPC



TE Part #1-206062-4  
CABLE CLAMP KIT #11



TE Part #182917-1  
CPC SQ.FL.RCPT STD SEX



TE Part #1-2176349-2  
CRGCO 2512 82R 1%

### Documents



### Product Drawings

[CPC Plug Assy, 11-4, Rev Sex](#)

English

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### CAD Files

[3D PDF](#)

English

**Customer View Model**

[ENG\\_CVM\\_182651-1\\_B3.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_182651-1\\_B3.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_182651-1\\_B3.3d\\_stp.zip](#)

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**Customer View Model**

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**Customer View Model**

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English

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### Agency Approvals

[UL Report](#)

English