

796450-1 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 796450-1

Circular Power Connectors, Housing, 600 VDC, Wire-to-Wire, 9 Position, Wire & Cable, Plug, Reverse Gender, Pin, Power & Signal, Black, AMP CPC

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Connectors > Power Connectors > Circular Power > Circular Power Connectors > Cable/Panel Mount Connector, CPC Series 1



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Number of Positions: **9**

Sealable: **No**

[All Cable/Panel Mount Connector, CPC Series 1 \(57\)](#)

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	With
Number of Positions	9
Number of Power Positions	0
Keying	B
Number of Signal Positions	9



Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	Yes
Contact Type	Pin
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	Nylon
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	Yes

Packaging Features

Packaging Method	Bag
Packaging Quantity	100



Product Compliance

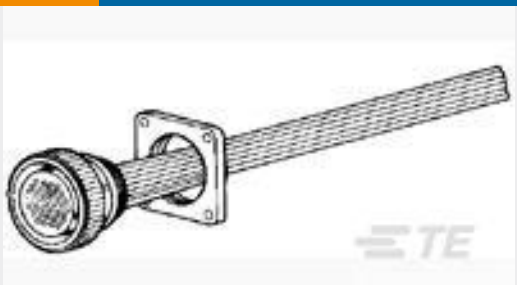

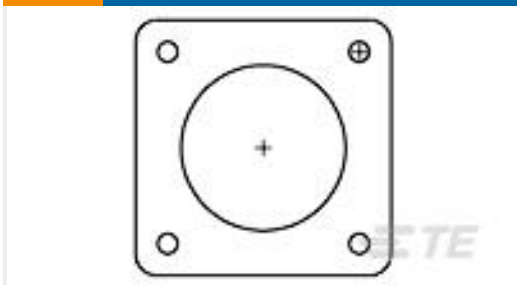





[For compliance documentation, visit the product page on TE.com>](#)

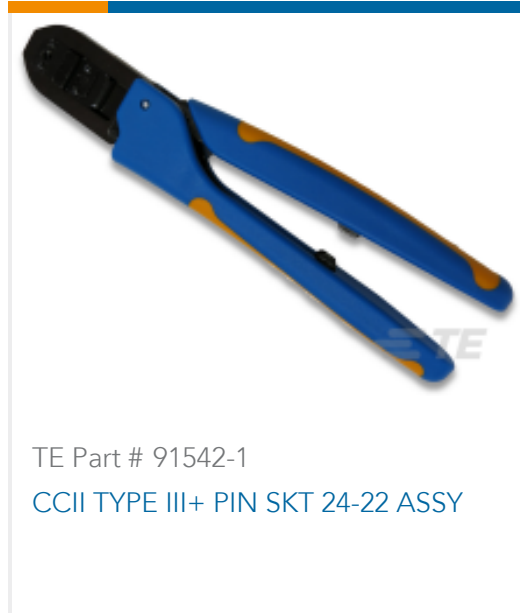
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

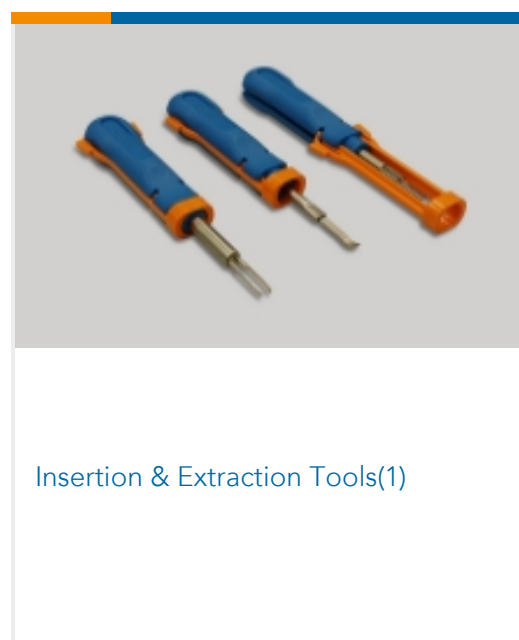
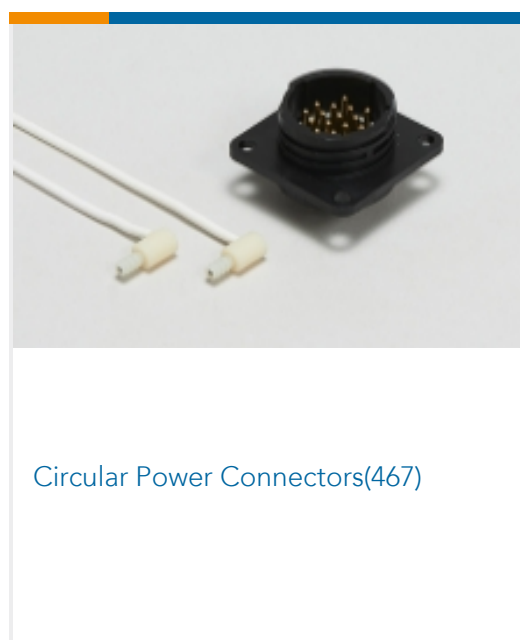
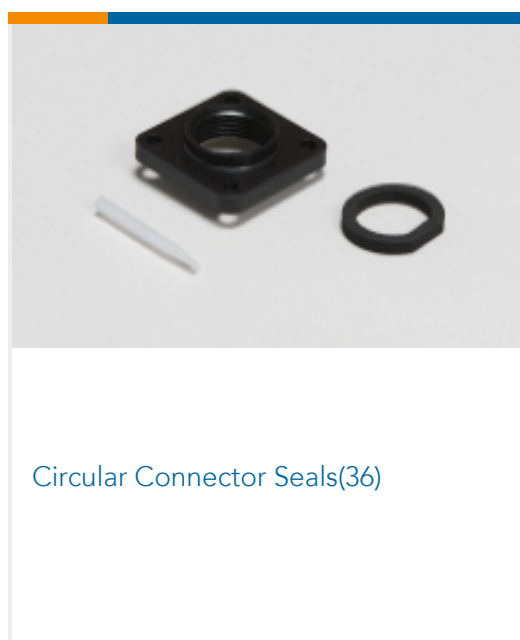
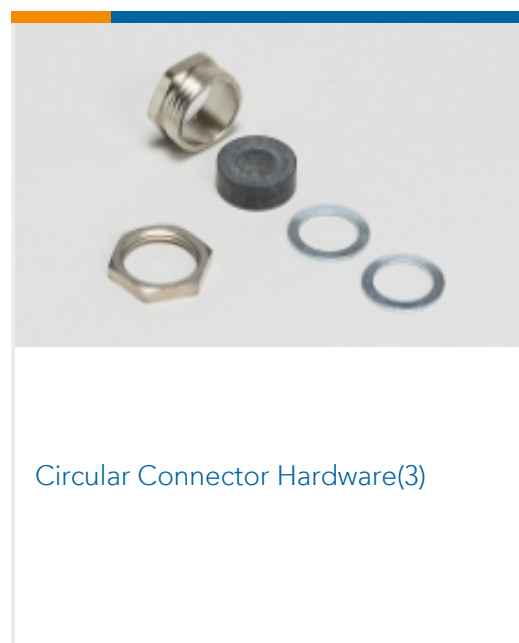
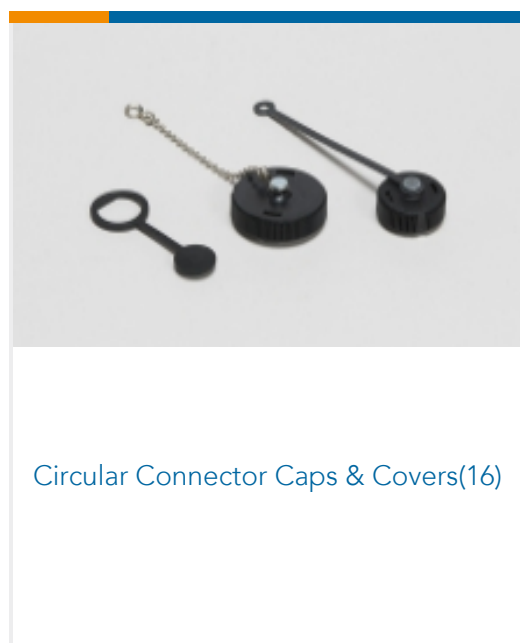
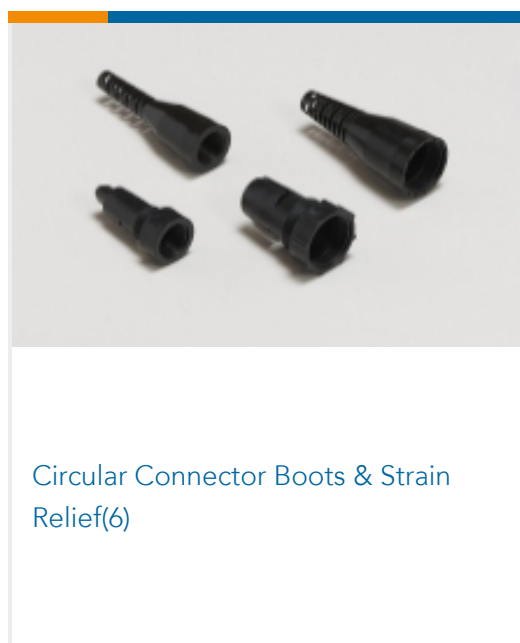
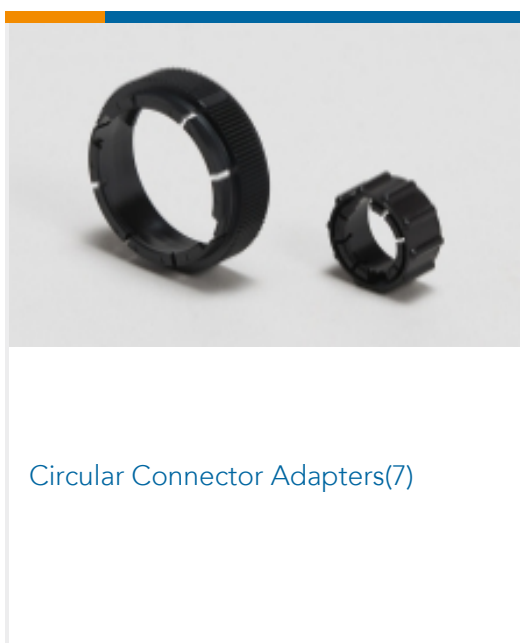
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

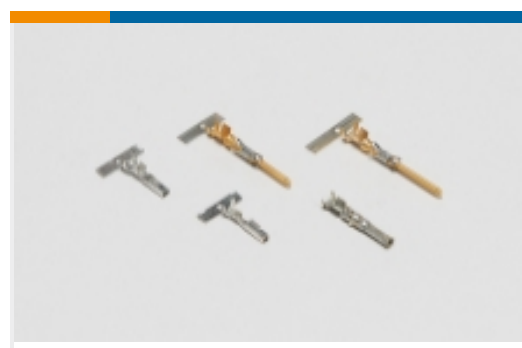
Compatible Parts

 <p>TE Part # 207299-3 FLANGE PLUG MOUNT CPC</p>	 <p>TE Part # CAT-AM71-C83998 CPC Heat Shrink Strain Reliefs</p>	 <p>TE Part # 81665-2 FLANGE GASKET CPC</p>	 <p>TE Part # CAT-AM71-T98 Pin and Socket Contacts, Type II</p>
 <p>TE Part # CAT-AM71-T98E Pin and Socket Contacts, Type III, LP</p>	 <p>TE Part # CAT-AM71-T98D Pin and Socket Contacts, Type III, LP EMEA</p>	 <p>TE Part # CAT-AM71-T98A Strip Pin and Socket Contacts, Type III, LP</p>	 <p>TE Part # CAT-AM71-T98G Pin and Socket Contacts, Type III, LP, High Current</p>

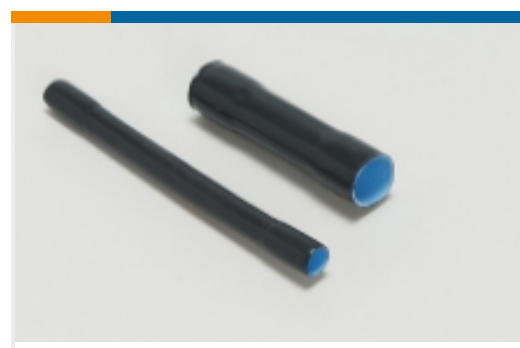


Also in the Series | AMP CPC





Power Contacts(6)



Sealing Sleeves(2)



Unscreened Circular Connector Backshells & Clamps(5)

Customers Also Bought

TE Part #3-1437719-6
T01-0550-S05-FEMALE PLUG
CONNECTOR SOLDETE Part #2151018-1
OCEAN_2.0_APPLICATOR-S-090F110FTE Part #2151082-1
OCEAN_2.0_APPLICATOR-S-046F057FTE Part #207893-1
CONTACT PIN ASSY.TE Part #2151111-1
OCEAN_2.0_APPLICATOR-S-046F070FTE Part #3-2161500-1
AMP 5K/30 CE TERMINATORTE Part #1-601967-5
POSITIONER TYPE II CONTACTSTE Part #1-601967-6
POSITIONER TYPE II CONTACTS

Documents

Product Drawings

[PLUG ASSY,CPC,17-9,REV SEX](#)

English

CAD Files

Customer View Model

[ENG_CVM_796450-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_796450-1_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_796450-1_B.2d_dxf.zip](#)

English

[3D PDF](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_796450-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_796450-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_796450-1_C.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English