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

View on TE.com >

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
Number of Signal Positions	9

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Reverse Gender	Yes
Contact Type	Pin
Contact Protection	With

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Mating Retention Type	Threaded Coupling
Thread Size	15/16-20 UNEF - 2A
Polarization Code	B
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With
Panel Mount Feature	Without

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

Compatible With Agency/Standards Products	VDE
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	100
Packaging Method	Bag

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

TE Part # 207299-3
FLANGE PLUG MOUNT CPC

TE Part # CAT-AM71-C83998
CPC Heat Shrink Strain Reliefs

TE Part # CAT-AM71-C83998B
CPC Cable Clamps

TE Part # 81665-2
FLANGE GASKET CPC

TE Part # CAT-AM71-T98
Pin and Socket Contacts, Type II

TE Part # CAT-AM71-T98E
Pin and Socket Contacts, Type III, LP

TE Part # CAT-AM71-T98D
Pin and Socket Contacts, Type III, LP EMEA

TE Part # CAT-AM71-T98A
Strip Pin and Socket Contacts, Type III, LP

TE Part # CAT-AM71-T98G
Pin and Socket Contacts, Type III, LP, High Current

TE Part # CAT-AM71-T98B
Strip Pin and Socket Contacts, Type III

TE Part # CAT-AM71-T98F
Strip Pin and Socket Contacts, Type III, High Current

TE Part # 213810-1
CPC COUPLING RING SIZE 17

TE Part # 796439-2
RECPT HSG,CPC,17-9,REV SEX

TE Part # 91542-1
CCII TYPE III+ PIN SKT 24-22 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 # 91521-1
CCII TYPE III+ PIN SKT 18-14 ASSY

TE Part # 207241-1
CABLE BOOT,SZ 17,CPC

TE Part # 207387-1
CABLE GRIP,SZ 17,CPC

Also in the Series | AMP CPC

Circular Power Connectors(458)

Connector Backshells(1)

Connector Caps & Covers(16)

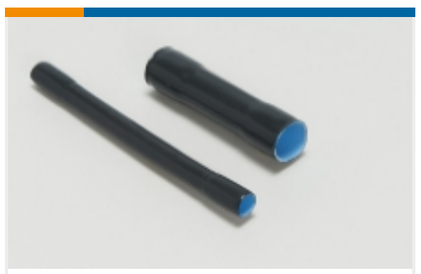
Connector Contacts(6)

Connector Hardware(12)

Connector Seals & Cavity Plugs(36)

Connector Strain Relief(60)

Insertion & Extraction Tools(1)



Sealing Sleeves(2)

Customers Also Bought

TE Part # 201570-1
CONTACT PIN ASSY.

TE Part # 1-1903128-3
Receptacle and Tab Housing: 2.0 mm pitch, 125V

TE Part # 2-1827864-2
DYNAMIC 1200D REC HSG 4P Y BLACK

TE Part # 1473668-1
KIT D-5 (D-5 DYNA-CLAMP 3P)

TE Part # 5745652-2
DIECAST STRAIN RELIEF KIT,SZ 2

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