796288-1 ✔ ACTIVE

AMP | AMP CPC

TE Internal #: 796288-1

Housing, 600 VDC, Wire-to-Wire, 37 Position, Sealable, Wire & Cable, Plug, Socket, Signal, Black, All Plastic, AMP CPC, Circular Power Connectors

View on TE.com >

Connectors > Power Connectors > Circular Power > Circular Power Connectors > One-Piece Connector, Sealed, CPC Series 1







Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Number of Positions: **37**

Sealable: **Yes**

All One-Piece Connector, Sealed, CPC Series 1 (33)

Features

Product Type Features

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

Configuration Features

Reverse Numbering	With
Number of Positions	37
Number of Power Positions	0
Number of Signal Positions	37

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Reverse Gender	No
Contact Type	Socket
Contact Protection	With

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Mating Retention Type	Threaded Coupling
Thread Size	1 3/8-18 UNEF-2A
Polarization Code	A
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	23

Usage Conditions

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

Operation/Application

Circuit Application	Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1
Packaging Method	Package

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 2023 (235) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) **Article Safe Usage Statements:** Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # CAT-AM71-C83998HH
CPC SEALED ACCESSORIES



TE Part # 54012-1
CPC STRAIN RELIEF,SIZE 23



TE Part # CAT-AM71-C83998B
CPC Cable Clamps



TE Part # 213812-1
COUPLING RING,SZ 23,CPC



TE Part # CAT-AM71-C83998Y
One-Piece Connector, Sealed, CPC Series 1



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



TE Part # CAT-AM71-C83998L
CPC Sealed Accessories



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 # 796075-1
NGC SEALING PLUG



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 # CAT-AM71-C83998Z
CPC Sealing Kits/Accessories



TE Part # 207299-4
FLANGE PLUG



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



TE Part # 91515-1
CCII TYPE III+ MNL PIN SKT 30-20 ASSY



TE Part # 91519-1
CCII TYPE III+ PIN SKT 18-14 ASSY



TE Part # 91505-1
CCII TYPE III+ 24-16 ASSY

Also in the Series | AMP CPC



Circular Power Connectors(458)



Connector Backshells(1)



Connector Caps & Covers(19)



Connector Contacts(6)



Connector Hardware(12)



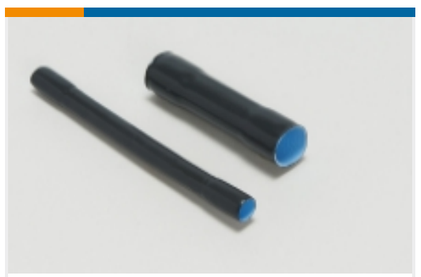
Connector Seals & Cavity Plugs(36)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)



Sealing Sleeves(2)

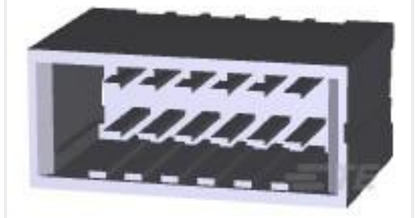
Customers Also Bought



TE Part #1986172-1
PASSTHROUGH SHIELDED RECPT ASSY



TE Part #3-644662-4
04P MTA156 CONN ASSY 22AWG LF



TE Part #178326-3
DYNAMIC DBL ROW HDR ASSY 12P V



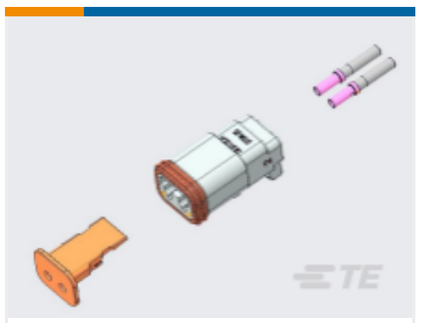
TE Part #178421-7
CAVITY PLUG FOR 120P ECU CONN

TE Part #1SNS320001Z3978
CK00000104777

TE Part #1SNS320001Z3979
CK00000104782

TE Part #1SNS420000Z2755
AD00003249914-B3 (GNDB01+ROM)

TE Part #4-1768399-0
SP100375WE2.5-SP



TE Part #DT06-2S-COMPLETE
DT06-2S CON AND WEG

TE Part #DTM04-12PB-COM
DTM04-12PB-COMPLETE

Documents

Product Drawings

PLUG.ASSY,23-37STD SEX THRD AD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_796288-1_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_796288-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_796288-1_E.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

Product Specification

English

Agency Approvals

UL Report

English