

788153-2 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 788153-2

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

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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: **4**

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	4
Number of Power Positions	0
Number of Signal Positions	4



Electrical Characteristics

Operating Voltage	600 VAC
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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	5/8-24 UNEF-2A
Polarization Code	A
Mating Retention	With
Panel Mount Feature	Without

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Nylon 6/6
Circular Connector Shell Size	11

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
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Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Product Compliance




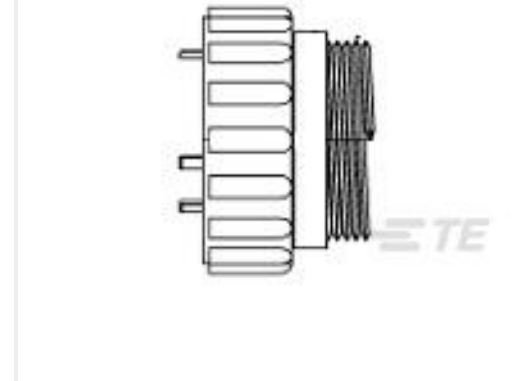




[For compliance documentation, visit the product page on TE.com>](#)


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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

 <p>TE Part # CAT-AM71-C83998Y One-Piece Connector, Sealed, CPC Series 1</p>	 <p>TE Part # CAT-AM71-C83998B CPC Cable Clamps</p>	 <p>TE Part # CAT-AM71-C83998 CPC Heat Shrink Strain Reliefs</p>	 <p>TE Part # 206516-1 CPC PLUG ASSEMBLY SIZE 11-4</p>
 <p>TE Part # CAT-AM71-C83998K Circular Connector, Environmentally Sealed, CPC Series 6</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>

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




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



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-C83998O
Pin and Socket Contacts, CPC MIL-C-5015



TE Part # 81665-3
ECONOSEAL, FLANGE GASKET



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 # 91523-1
CCII TYPE III+ PIN SKT 24-16 ASSY




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




TE Part # 208338-1
SEAL PROTECTOR SOCKET


Also in the Series | AMP CPC




Circular Connector Adapters(7)




Circular Connector Caps & Covers(16)




Circular Connector Hardware(3)




Circular Connector Keying Plugs(2)




Circular Power Connectors(459)



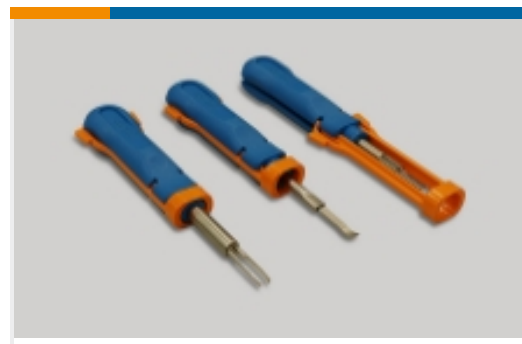
Connector Backshells(56)



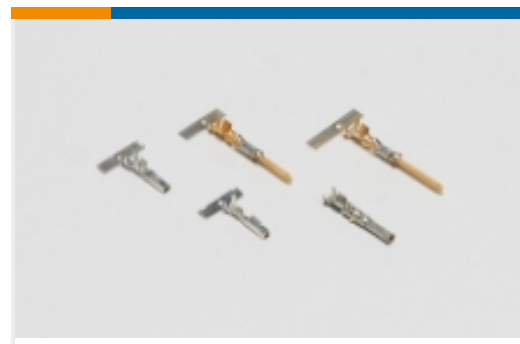
Connector Seals & Cavity Plugs(36)



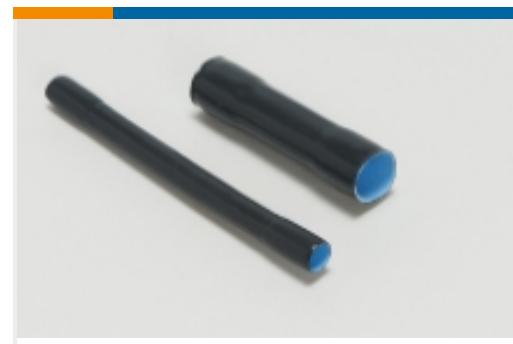
Connector Strain Relief(6)



Insertion & Extraction Tools(1)

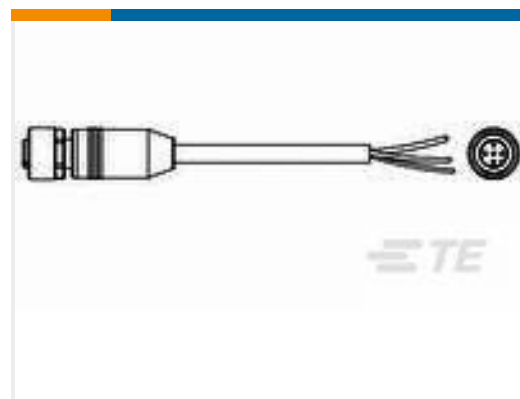
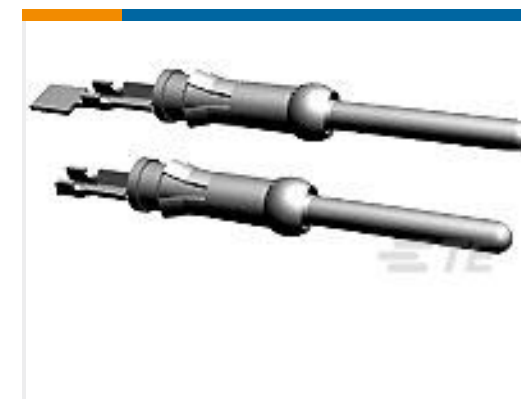


Power Contacts(6)



Sealing Sleeves(2)

Customers Also Bought

TE Part #1445828-3
REC,11-6,FRE HNG,LG INS,STD KETE Part #91513-1
CCII HD-20 PIN SKT 22-18 ASSYTE Part #4-1625984-3
HSA50 2R2 5%TE Part #5677672002
RNF-3000-24/8-2-STKTE Part #7-1618413-2
K1K06H024EAHA= CONTACTOR
SPST-NO W/AUXTE Part #2273045-4
M12 x 1.0 straight socket pigt shld ATE Part #34126
TERMINAL,SOLIS R 16-14 3/8TE Part #1-66361-3
III+ PIN,18-14,TIN,SMPACKTE Part #ZPF00000000112115
RECEPTACLE 7POLES S.02 W/O CT

Documents

Product Drawings

[SLD CPC PLUG ASSY,11-4,REV SEX](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_788153-2_A.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_788153-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_788153-2_A.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