

208720-1 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 208720-1

Circular Power Connectors, Housing, 600 VDC, 30 – 14 AWG Wire Size, .05 – .2 mm² Wire Size, Wire-to-Wire, 5 Position, Wire & Cable, Plug, AMP CPC

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Connectors > Power Connectors > Circular Power > Circular Power Connectors > Circular Plastic Connector, CMC Series 1



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

Wire Size: **.05 – .2 mm²**

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

[All Circular Plastic Connector, CMC Series 1 \(24\)](#)

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	Metal-Shell

Configuration Features

Reverse Numbering	Without
Number of Positions	5
Number of Power Positions	0
Number of Signal Positions	5

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	Yes
Contact Type	Pin
Contact Current Rating (Max)	13 A
Contact Protection	With

Termination Features

Termination Method to Wire & Cable	Crimp & Solder
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Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Mating Retention Type	Threaded Coupling
Thread Size	7/8-20 UNEF-2A
Polarization Code	A
Mating Retention	With
Panel Mount Feature	Without

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	14

Dimensions

Compatible Insulation Diameter Range	3.43 mm[.135 in]
Wire Size	.05 – .2 mm ²

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
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Packaging Features

Packaging Quantity	12
Packaging Method	Carton

Product Compliance

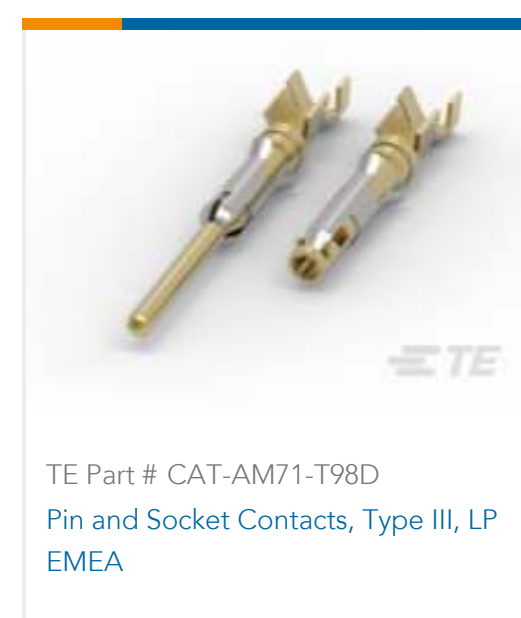
[For compliance documentation, visit the product page on TE.com>](#)

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: JAN 2023 (233) 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 # 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-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 # 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 # 193846-1
SKT ASSY.




TE Part # 1-66359-9
III+PIN,18-14,TIN,STRIP




TE Part # 2-66358-1
III+SKT,18-14,TIN STRIP



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




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




TE Part # 601967-1
CRIMPING TOOL M22520/1-01


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 Connector Seals(36)



Circular Power Connectors(459)



Connector Backshells(56)



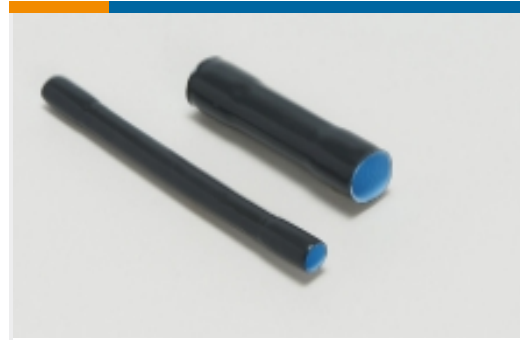
Connector Strain Relief(6)



Insertion & Extraction Tools(1)



Power Contacts(6)



Sealing Sleeves(2)

Customers Also Bought



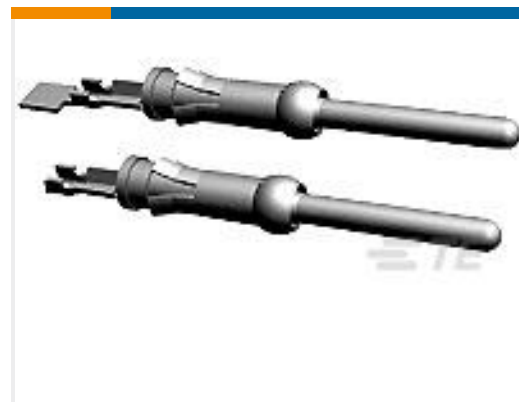
TE Part #6609070-6
50FCD10 J0=F7754



TE Part #208714-1
Circular Plastic Connector, CMC Series 1



TE Part #208492-1
PLUG ASSY,SZ 22,CMC



TE Part #66099-1
III+ PIN,18-16,30AU>10,LP



TE Part #61174-1
CMNL PIN L/P PTBR



TE Part #5-1478763-2
Metal backshell 15 way 45 Deg Entry-KIT



TE Part #208482-1
CMC PLUG ASSEMBLY,SZ 28

Documents

Product Drawings

[PLUG ASSY,SZ 14,CMC](#)

English

CAD Files

[3D PDF](#)

English

[Customer View Model](#)

[ENG_CVM_208720-1_J.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_208720-1_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_208720-1_J.3d_stp.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_208720-1_N.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_208720-1_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_208720-1_N.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

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

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

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[Product Compliance](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[CSA Certificate](#)

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[CSA Certificate](#)

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