AMP | AMP CPC

TE Internal #: 211768-1

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	Without
Number of Positions	9
Number of Power Positions	0
Number of Signal Positions	9

Electrical Characteristics



Reverse Gender Yes Contact Type Pin Contact Type With Contact Protection With Mechanical Attachment Mating Alignment Type Keyed Mating Alignment Type Triceaced Coupling Thread Size 15/16-20 UNLT - 2A Polarization Code A Connector Mounting Type Cable Mount (Free-Hanging) Mating Retention Panel Mount Feature With With Without Housing Features Body Orientation Straight Housing Material Glass Filled Nylon 6/6 Circular Connector Shell Size 17 Usage Conditions Operating Temperature Range 5-55 - 105 °CI-67 - 221 °FI Fluid Resistance None Corperation/Application Circuit Application Circuit Application Power & Signal Shielded No Industry Standards Agency/Standard VDE UL Fammability Rating UL 94V-0	Operating Voltage	600 VAC
Contact Type Pin Contact Potection With Mechanical Attachment With Mechanical Attachment With Mating Alignment Type Keyed With Mating Alignment With Mating Alignment With Mating Alignment Pipe Threaded Coupling Threaded Size 15/16 20 UNEF 2A 15/16 20 UNEF 2A 15/16 20 UNEF 2A	Contact Features	
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Body Orientation Straight Housing Color Black Housing Material Glass Filled Nylon 6/6 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 Packaging Features Packaging Quantity 100	Mating Retention	With
Body Orientation Straight Housing Color Black Housing Material Glass Filled Nylon 6/6 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 Agency/Standard VDE UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 100	Panel Mount Feature	Without
Housing Color Housing Material Glass Filled Nylon 6/6 Circular Connector Shell Size Usage Conditions Operating Temperature Range Fluid Resistance Operation/Application Circuit Application Circuit Application Power & Signal Shielded No Industry Standards Agency/Standard UL Flammability Rating Packaging Features Packaging Quantity Black Glass Filled Nylon 6/6 IT UT TO TO TO TO TO TO TO TO T	Housing Features	
Housing Material Circular Connector Shell Size Usage Conditions Operating Temperature Range Fluid Resistance None Operation/Application Circuit Application Power & Signal Shielded No Industry Standards VDE UL Flammability Rating Packaging Features Packaging Quantity ITA ITA ITA ITA ITA ITA ITA IT	Body Orientation	Straight
Circular Connector Shell Size Usage Conditions Operating Temperature Range Fluid Resistance Operation/Application Circuit Application Circuit Application Shielded No Industry Standards Agency/Standard UL Flammability Rating Packaging Features Packaging Quantity 17 17 17 17 17 17 17 17 17 1	Housing Color	Black
Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Fluid Resistance None Operation/Application Circuit Application Power & Signal Shielded No Industry Standards Agency/Standard VDE UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 100	Housing Material	Glass Filled Nylon 6/6
Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Fluid Resistance None Operation/Application Circuit Application Power & Signal Shielded No Industry Standards Agency/Standard VDE UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 100	Circular Connector Shell Size	17
Fluid Resistance Operation/Application Circuit Application Shielded No Industry Standards Agency/Standard UL Flammability Rating Packaging Features Packaging Quantity No No 100	Usage Conditions	
Operation/Application Circuit Application Power & Signal No Industry Standards Agency/Standard UL Flammability Rating Packaging Features Packaging Quantity 100	Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Circuit Application Power & Signal Shielded No Industry Standards Agency/Standard VDE UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 100	Fluid Resistance	None
Shielded No Industry Standards Agency/Standard VDE UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 100	Operation/Application	
Agency/Standard VDE UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 100	Circuit Application	Power & Signal
Agency/Standard VDE UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 100	Shielded	No
UL Flammability Rating Packaging Features Packaging Quantity 100	Industry Standards	
Packaging Features Packaging Quantity 100	Agency/Standard	VDE
Packaging Quantity 100	UL Flammability Rating	UL 94V-0
	Packaging Features	
Packaging Method Bag	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	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



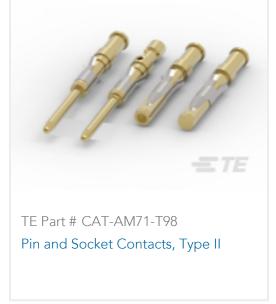


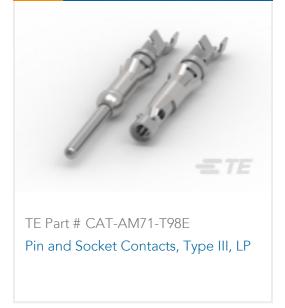
















TE Part # CAT-AM71-T98D

Pin and Socket Contacts, Type III, LP

EMEA



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



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 # 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



TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE



CCII TYPE III+ PIN SKT 24-16 ASSY

Also in the Series | AMP CPC



Circular Power Connectors(458)



Connector Backshells(2)



Connector Caps & Covers(16)



Connector Hardware(12)



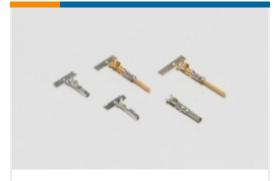
Connector Seals & Cavity Plugs(36)



Connector Strain Relief(60)

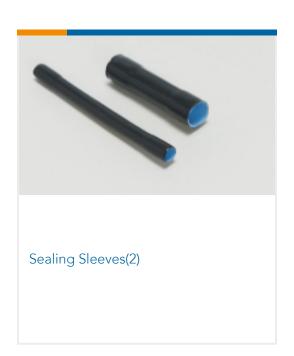


Insertion & Extraction Tools(1)



Power Contacts(6)



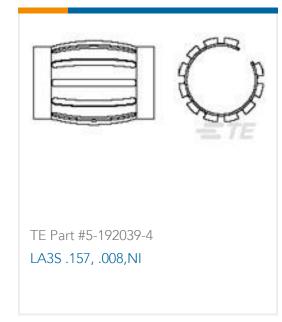


Customers Also Bought











Documents

Product Drawings

CPC PLUG ASSEMBLY SIZE 17-9

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_211768-1_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_211768-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_211768-1_J.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

Application Specification

English

Product Environmental Compliance

MD_211768-1_06302017517_dmtec

English

MD_211768-1_06302017517_dmtec

English

Agency Approvals

UL Report

English