



AMP | AMP Circular Plastic Connectors, Circular Plastic Connectors Series 1

TE Internal #: 211769-1

9 Position Circular Power Connector, Housing, 600 VDC, Wire-to-Wire, Wire & Cable, Receptacle, Reverse Gender, Socket, AMP

Circular Plastic Connectors

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Number of Positions: 9

Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Sealable: **No**

Features

Product Type Features

Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle
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

Operating Voltage	600 VAC
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Contact Features



Reverse Gender	Yes
Contact Type	Socket
Contact Protection	With

Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	15/16-20 UNEF – 2A
Polarization Code	A
Panel Mount Feature Type	Flange with Mounting Holes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount
Mating Retention	With
Panel Mount Feature	With

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Nylon, Thermoplastic
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	400
Packaging Method	Box

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

TE Part # 2387122-3
PLUG CONN CA,SP,SER 1,SZ 17-9,L 2M

TE Part # 207387-2
CABLE GRIP,SZ 17,CPC

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

TE Part # 206070-8
CABLE CLAMP KIT #17

TE Part # 207299-3
FLANGE PLUG MOUNT CPC

TE Part # 4-2407269-2
CAP, CPC, SIZE 17 RECP, BLACK

TE Part # 211768-1
CPC PLUG ASSEMBLY SIZE 17-9

TE Part # 206322-9
CABLE CLAMP SIZE 17



TE Part # 1-206322-0
CABLE CLAMP KIT, BULK PKG

TE Part # 4-2407269-3
CAP, CPC, SIZE 17 RECP, RED

TE Part # 1546349-2
R/A CABLE CLAMP KIT,SZ 17,CPC

TE Part # 4-2407269-1
CAP, CPC, SIZE 17 RECP, ORANGE

TE Part # 2387122-2
PLUG CONN CA,SP,SER 1,SZ 17-9,L 1M

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

TE Part # 4-2407269-4
CAP, CPC, SIZE 17 RECP, YELLOW

TE Part # 2387122-1
PLUG CONN CA,SP,SER 1,SZ 17-9,L 0.5M

TE Part # 1-206070-0
CABLE CLAMP KIT, BULK PKG

TE Part # 796381-2
R/A STRN RELIEF KIT,SZ 17,CPC

Also in the Series | AMP Circular Plastic Connectors

Circular Power Connectors(211)

Connector Backshells(1)

Connector Caps & Covers(16)

Connector Hardware(10)

Connector Seals & Cavity Plugs(35)

Connector Strain Relief(60)

Insertion & Extraction Tools(1)

Also in the Series | Circular Plastic Connectors Series 1



Circular Power Connectors(211)



Connector Contacts(260)



Power Contacts(260)

Customers Also Bought



TE Part #211400-1
CPC PLUG ASSEMBLY SIZE 13-7



TE Part #211768-1
CPC PLUG ASSEMBLY SIZE 17-9



TE Part #206429-1
CPC PLUG ASSY, 11-4, REV SEX



TE Part #206043-1
RECEPT,SZ 17-14 CPC



TE Part #211766-1
CPC PLUG ASSEMBLY SIZE 17-9



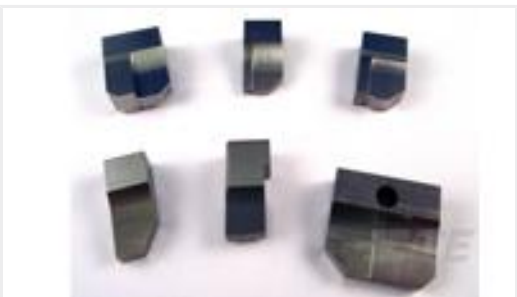
TE Part #211767-1
17-9 CPC RECEPT



TE Part #211769-3
17-9 CPC RECEPT REV SEX



TE Part #211773-1
23-19 CPC RECEPT REV SEX



TE Part #1424319-2
ANVIL



TE Part #1338223-3
Crimper, Thru Splice

Documents

Product Drawings
17-9 CPC RECEPT REV SEX
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_211769-1_AF.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_211769-1_AF.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_211769-1_AF.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