

211401-7 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 211401-7

7 Position Circular Power Connector, Housing, 600 VDC, Wire-to-Wire, Wire & Cable, Receptacle, Pin, Power & Signal, Black, All Plastic, AMP CPC

[View on TE.com >](#)



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 7

Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Sealable: **No**

Features

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	3/4 - 20 UNEF-2A
Polarization Code	A
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With
Panel Mount Feature	Without

Industry Standards

Compatible With Agency/Standards Products	VDE
UL Flammability Rating	UL 94V-0



Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Thermoplastic, Nylon
Circular Connector Shell Size	13

Configuration Features

Reverse Numbering	Without
Number of Positions	7
Number of Power Positions	0
Number of Signal Positions	7

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

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
Contact Type	Pin
Contact Protection	With

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	None

Operation/Application

Circuit Application	Power & Signal
Shielded	No

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant



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 2024 (241) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 265°C

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



Also in the Series | **AMP CPC**



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Contacts(6)



Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)



Power Contacts(6)

Customers Also Bought



TE Part #1924968-3
Contact, male 0.64, 20 to 22 AWG



TE Part #1462038-1
IM02CGR=IM RELAY 140mW 4.5V HDV



TE Part #327638
SPLICE BUTT PIDG 12-10/16-14



TE Part #66255-2
MALE CONTACT ASSY. (STRIP)



TE Part #211399-1
CPC PLUG ASSEMBLY SIZE 13-7



TE Part #206966-7
CABLE SHELL CLAMP SIZE 13



TE Part #2325593-2
REC CONN CVR,2POS,MINI MIC



TE Part #2302488-3
AS16,PLUG BACKSHELL KIT,RA,02P, NC08



TE Part #66105-3
III+ SKT,24-20,15AU/FL,LP



TE Part #211398-2
CPC RECPT. SIZE 13-7

Documents



Product Drawings

[RECEPT,SZ 13-7,CPC](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_211401-7_AE.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_211401-7_AE.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_211401-7_AE.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

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

English

Agency Approvals

[CSA Certificate](#)

English