



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
Panel Mount Feature Type	Flange with Threaded Inserts
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount
Mating Retention	With
Panel Mount Feature	With

Industry Standards

Compatible With Agency/Standards Products	VDE
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UL Flammability Rating	UL 94V-0
Housing Features	
Body Orientation	Straight
Housing Color	Black
Housing Material	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
Contact Features	
Reverse Gender	Yes
Contact Type	Socket
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 with Exemptions



EU ELV Compliance	Compliant with Exemptions
<div>Product Compliance</div> <div>For compliance documentation, visit the product page on TE.com></div>	
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	<div>Current ECHA Candidate List: JUNE 2024 (241)</div> <div>Candidate List Declared Against: JUNE 2024 (241)</div> <div>SVHC > Threshold:</div> <div>Pb (3.7% in Component Part)</div> <div>Article Safe Usage Statements:</div> <div>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</div>
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 # 2-2407269-3
CAP, CPC, SIZE 13 RECP, RED



TE Part # 207008-6
CABLE CLAMP KIT, BULK PKG



TE Part # 207299-2
FLANGE PLUG MOUNT CPC



TE Part # 2-2407269-4
CAP, CPC, SIZE 13 RECP, YELLOW



TE Part # 1546348-2
R/A CABLE CLAMP KIT,SZ 13,CPC



TE Part # 206966-9
CABLE CLAMP KIT, BULK PKG



TE Part # 206966-7
CABLE SHELL CLAMP SIZE 13



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



TE Part # 2-2407269-2
CAP, CPC, SIZE 13 RECP, BLACK


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 #102321-1
010 UNIV HDR SP 4S 30DP STD L1



TE Part #206433-3
CPC RECPT ASSEMBLY SIZE 11-8



TE Part #211102-1
CPC RECEPT ASSEMBLY SIZE 11-4



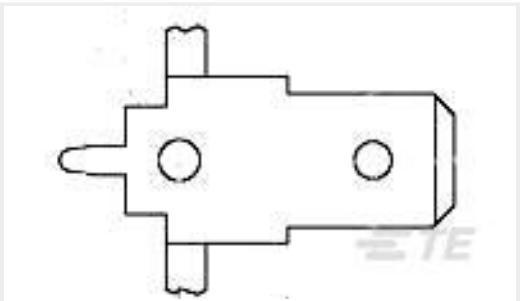
TE Part #211400-1
CPC PLUG ASSEMBLY SIZE 13-7



TE Part #211103-1
CPC RECPT ASSEMBLY 17-14



TE Part #1-66741-1
TYPE XII FEMALE CONT (STRIP)



TE Part #1217154-1
250 FASTON,PCB TAB,TCBR



TE Part #211769-5
17-9 CPC RECEPT REV SEX



TE Part #EKA201M01340500000
915 EXTENSION



TE Part #EKB001M02320001000
615 EXTENSION

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_211398-4_AF.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_211398-4_AF.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_211398-4_AF.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

Agency Approvals

UL Report

English