213862-1 ✔ ACTIVE

AMP | AMP CPC

TE Internal #: 213862-1

16 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: **16**

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	15/16-20 UNEF – 2A
Polarization Code	B
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	Thermoplastic, Nylon
Circular Connector Shell Size	17

Configuration Features

Reverse Numbering	Without
Number of Positions	16
Number of Power Positions	0
Number of Signal Positions	16

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	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

Industry Standards

UL Flammability Rating	UL 94V-0

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	Not applicable for solder process capability

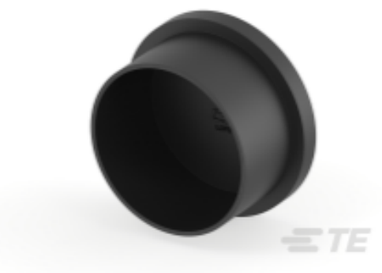
Product Compliance Disclaimer

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 # 207299-3
FLANGE PLUG MOUNT CPC



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



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



TE Part # 213849-1
CPC PLUG ASSEMBLY SIZE 17-16



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



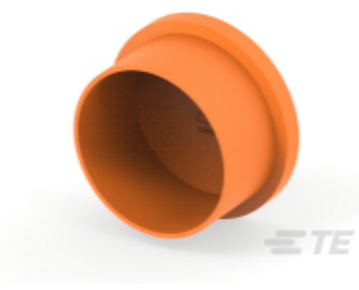
TE Part # 796381-2
R/A STRN RELIEF KIT,SZ 17,CPC



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



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



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



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



TE Part # 206322-9
CABLE CLAMP SIZE 17



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



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

Also in the Series | AMP CPC



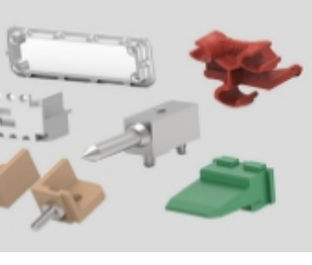
Circular Connector Backshells & Clamps(1)



Circular Power Connectors(423)



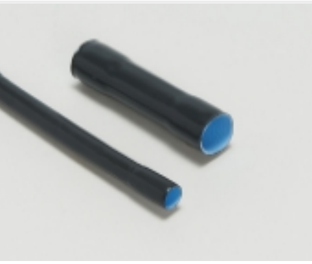
Connector Contacts(6)



Connector Hardware(12)

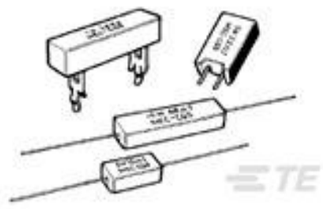


Power Contacts(6)



Sealing Sleeves(2)

Customers Also Bought



TE Part #2-1623789-1
SQM7 R22 5% (WIRE)



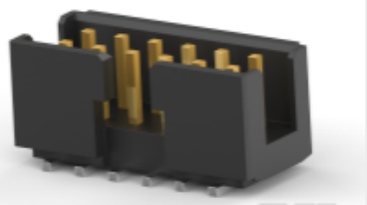
TE Part #213864-1
23-37 RCPT HSG,REV SEX,CPC



TE Part #183075-1
SQUARE FLG.23-24STD.SEX SRS 1



TE Part #213866-1
23-24 RCPT HSG,STD SEX,CPC



TE Part #1-2373378-2
12P,2MM,SHRD HDR,DRVT,SMD,0.76 AU,TB



TE Part #DT06-08SC
PLG, 8P, GRN, N, C



TE Part #CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



TE Part #EM7081-000
THA-PDKG-09



TE Part #926298-1
4P UNIV.M-N-L.CAP

Documents

Product Drawings

17-16 RCPT HSG,STD SEX,CPC

English

CAD Files

Customer View Model

ENG_CVM_CVM_213862-1_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_213862-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_213862-1_E.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