



Connectors > Power Connectors > Circular Power > Circular Power Connectors > Circular Connector, Environmentally Sealed, CPC Series 6



Connector Product Type: **Housing**
Operating Voltage: **600 VDC**
Connector System: **Wire-to-Wire**
Number of Positions: **7**
Sealable: **Yes**

[All Circular Connector, Environmentally Sealed, CPC Series 6 \(19\)](#)

Features

Product Type Features

Connector Seal & Plug Type	Peripheral
Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

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



Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
Contact Type	Pin
Contact Protection	With

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Panel Mount Feature Type	Flange with Mounting Holes
Mating Retention Type	Threaded Coupling
Thread Size	3/4 - 20 UNEF-2A
Polarization Code	A
Connector Mounting Type	Panel Mount
Mating Retention	With
Panel Mount Feature	With

Housing Features

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

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	Immersion

Operation/Application

Circuit Application	Power & Signal
Shielded	No

Industry Standards

Agency/Standard	VDE
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1
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Packaging Method

Package

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	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 # 54123-1
CPC,13 LONG TUBE



TE Part # 81665-4
ECONOSEAL, FLANGE GASKET



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



TE Part # 211870-2
SEALING CAP ASSY,SZ 13,CPC





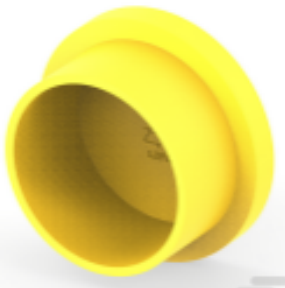
TE Part # 213485-1
CPC SEALING CAP ASSY SIZE 13



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



TE Part # 2-2407269-3
CAP, CPC, SIZE 13 RECP, RED



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

Also in the Series | AMP CPC



Circular Connector Adapters(7)



Circular Connector Caps & Covers(16)



Circular Connector Hardware(3)



Circular Connector Keying Plugs(2)



Circular Power Connectors(458)



Connector Backshells(56)



Connector Seals & Cavity Plugs(36)



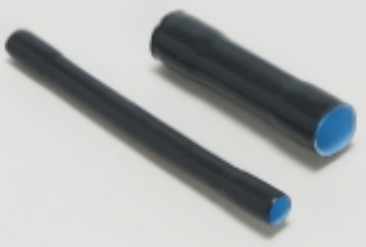
Connector Strain Relief(6)



Insertion & Extraction Tools(1)

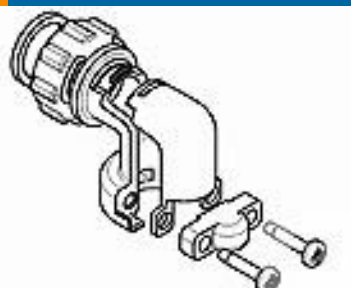


Power Contacts(6)



Sealing Sleeves(2)

Customers Also Bought



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



TE Part #6609048-1
3EQ1=F7258 S0



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

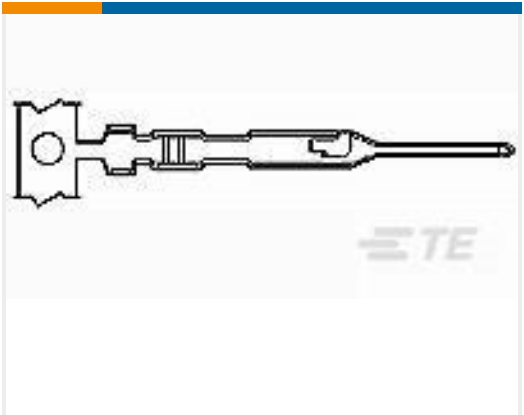


TE Part #5-166051-1
HD 20 SOCKET ON MINI-REEL 500





TE Part #1658539-2
PIN CONT DUPL PLT STRIP HD-20



TE Part #5-104505-3
MTE PIN LP



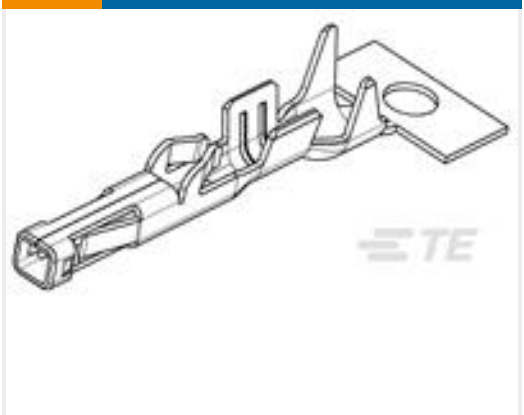
TE Part #1-1437558-0
MTA106D=(MSTA) SWITCH TOGGLE S



TE Part #964328-1
SPT A REC 6.3 Contact SRC Sn



TE Part #HDP26-24-35PN-L017
PLG, 35P, BLK, N, RNG, 16/20, P



TE Part #2106123-1
CONTACT,Recept, SLC, Tin Plated, On Stip

Documents

Product Drawings
RECEPT,SZ 13-7,CPC

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_211401-3_AE.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_211401-3_AE.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_211401-3_AE.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_211401-3_09112013932_dmtec



English

[MD_211401-3_09112013932_dmtec](#)

English

Instruction Sheets

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

English

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

English

Agency Approvals

[CSA Certificate](#)

English