



Connectors > Power Connectors > Circular Power > Circular Power Connectors



EU RoHS Compliance: **Compliant with Exemptions**

EU ELV Compliance: **Compliant with Exemptions**

Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Features

Other

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

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	19
Number of Power Positions	0
Number of Signal Positions	19



Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
Contact Type	Pin
Contact Protection	With

Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	1-3/8 - 18 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

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Nylon - GF
Circular Connector Shell Size	23

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	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 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	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (3.7% in Component Part) Article Safe Usage Statements: 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.
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 # 207774-3
CLAMP CABLE SHELL,SIZE 23



TE Part # 207774-4
CABLE CLAMP ASY,SZ 23,BULK PKG



TE Part # 1546350-2
R/A CABLE CLAMP KIT,SZ 23,CPC



TE Part # 206512-6
LARGE CABLE CLAMP KIT,BULK PKG



TE Part # 206138-8
CLAMP CBL SHELL SIZE 23



TE Part # 206512-5
CLAMP,CABLE SHELL,SIZE 23



TE Part # 207299-4
FLANGE PLUG



TE Part # 211770-3
CPC 23-19 STD SEX PLUG ASY



TE Part # 211770-2
CPC PLUG ASSEMBLY SIZE 23-19



TE Part # 1-206138-0
CABLE CLAMP ASSY,BULK PACKED



TE Part # 207055-1
EXTENDER BACK SHELL



TE Part # 796382-2
R/A STRN RELIEF KIT,SZ 23,CPC



TE Part # 6-2407269-1
CAP, CPC, SIZE 23 RECP, ORANGE



TE Part # 6-2407269-2
CAP, CPC, SIZE 23 RECP, BLACK



TE Part # 6-2407269-4
CAP, CPC, SIZE 23 RECP, YELLOW



TE Part # 6-2407269-3
CAP, CPC, SIZE 23 RECP, RED

Also in the Series | AMP CPC



Circular Power Connectors(423)



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Contacts(6)



Connector Hardware(12)



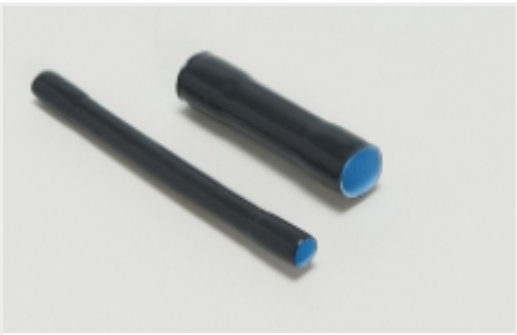
Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)



Sealing Sleeves(2)

Customers Also Bought



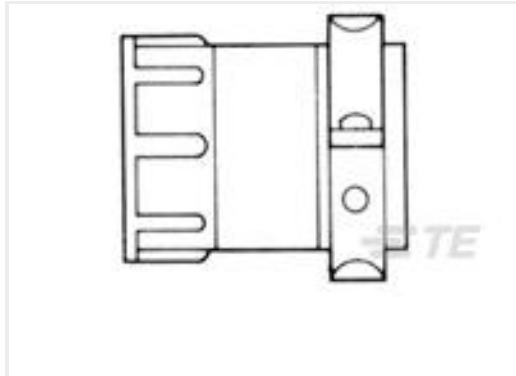
TE Part #1658678-1
KIT, HDP-22, ENCL SUR, PLUG, SIZE 1



TE Part #T4112002081-000
M12, FEMALE, RA, A CODE, 8P, PG9, GOLD



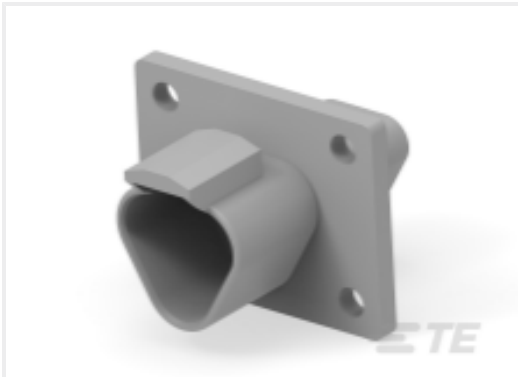
TE Part #211772-1
CPC PLUG ASSEMBLY SIZE 23-19



TE Part #206512-5
CLAMP, CABLE SHELL, SIZE 23



TE Part #1-350715-1
06P UMN L V0 PLUG HSG BROWN



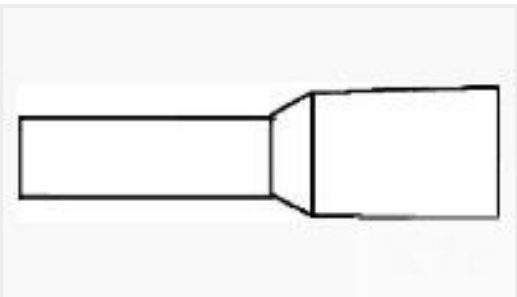
TE Part #DT04-3P-CL03
REC, 3P, GRY, E, FLANGE



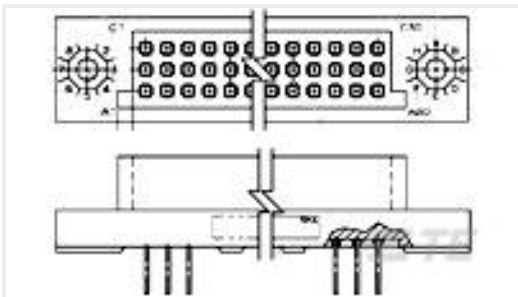
TE Part #211770-2
CPC PLUG ASSEMBLY SIZE 23-19



TE Part #2-1617122-1
JMACD-5XP = M39016/15-082P



TE Part #1-966293-5
FER, WIRE, PL SLV, 1.00/18, L8, RED, HSLP



TE Part #446853-2
3ROW BOX REC 105P 100CL SEALED

Documents

Product Drawings
23-19 CPC RCPT, W/INSERTS

English

CAD Files
Customer View Model
ENG_CVM_CVM_211771-2_U.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_211771-2_U.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_211771-2_U.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