



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 22

Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Sealable: **No**

Features

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	22
Number of Power Positions	2
Number of Signal Positions	20

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features



Reverse Gender	No
Contact Type	Pin
Contact Protection	With

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Alignment Type	Keyed
Mating Retention Type	Threaded Coupling
Mating Alignment	With
Thread Size	1-3/8 - 18 UNEF-2A
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With
Panel Mount Feature	Without

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	PA 6.6 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

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1
Packaging Method	Standard

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 206612-1
CPC PLUG ASSEMBLY SIZE 23-22



TE Part # 207774-3
CLAMP CABLE SHELL,SIZE 23



TE Part # 207055-1
EXTENDER BACK SHELL



TE Part # 213812-1
COUPLING RING,SZ 23,CPC



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



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



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



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



TE Part # 206138-8
CLAMP CBL SHELL SIZE 23



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



TE Part # 206612-2
CPC PLUG ASSEMBLY SIZE 23-22



TE Part # 207597-1
PLUG, TYPE XII KEYING



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



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



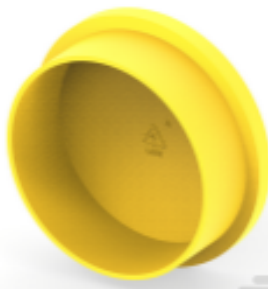
TE Part # 796382-2
R/A STRN RELIEF KIT, SZ 23, CPC



TE Part # 207299-4
FLANGE PLUG



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



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

Also in the Series | AMP Circular Plastic Connectors



Circular Power Connectors(9)



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)

Also in the Series | Circular Plastic Connectors Series 4



Circular Power Connectors(9)

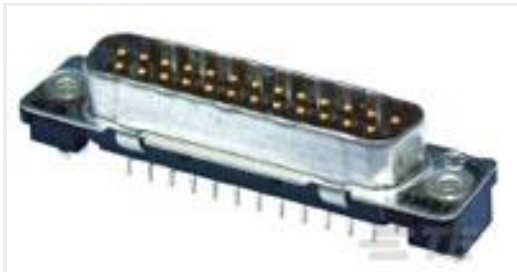
Customers Also Bought



TE Part #1703998-1
92POS,AMP MCP1.5K,SOCK HSG, ASSY,SEALED



TE Part #DRC12-24PA
REC, 24P, BLK, N, FLANGE, A



TE Part #1-5747871-4
09 PLUG SP/FMS SCRLK



TE Part #280919-4
FF 187 REC 0.5-1.5MM2 TPPB



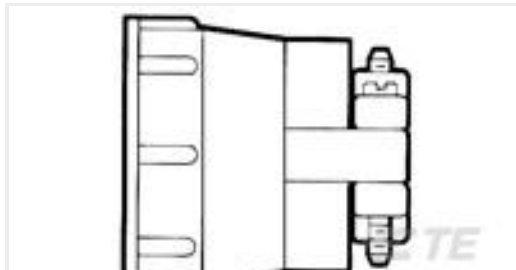
TE Part #917308-1
MINI MLC CONN REC CONT.



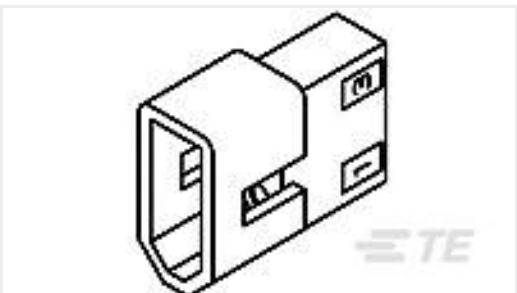
TE Part #CAT-H396-CH8172
DEUTSCH HDP20 Housings



TE Part #207486-2
RECEPT,SZ 23-16,CPC



TE Part #207774-3
CLAMP CABLE SHELL,SIZE 23



TE Part #770331-1
03P .062 COMM P&S PLUG

Documents

Product Drawings
RECEPT SZ 23,CPC

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_206613-3_AN.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_206613-3_AN.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_206613-3_AN.3d_stp.zip](#)

English

3D PDF

3D

3D PDF

English

Customer View Model

[ENG_CVM_206613-3_P1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_206613-3_P1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_206613-3_P1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

Product Specifications

[Connector, Circular Plastic](#)

English

Product Specification

English

Instruction Sheets

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

English

Agency Approvals

[CSA Certificate](#)

English

CSA Certificate

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