



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 57

Connector Product Type: **Housing**

Operating Voltage: 250 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	57
Number of Power Positions	0
Number of Signal Positions	57

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features



Reverse Gender	Yes
Contact Type	Socket
Contact Current Rating (Max)	7.5 A
Contact Protection	With

Mechanical Attachment

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

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	23

Dimensions

Compatible Insulation Diameter Range	1.73 mm[.068 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	None

Operation/Application

Circuit Application	Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	100
Packaging Method	Bag



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 # 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



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 # 206437-1
CPC PLUG ASSEMBLY SIZE 23-57



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

Also in the Series | AMP Circular Plastic Connectors



Circular Power Connectors(36)



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 2



Circular Power Connectors(36)



Connector Contacts(52)

Customers Also Bought

TE Part #RM04-106P
PLUG ASSY

TE Part #6-928918-1
MOS0,63 Sn tab LL unseal. 0,2-0,35

TE Part #DRCP25-86PBB-GC05
HDR, 86P, BLK, ST, 12/20, SN/NI/CU, BB

TE Part #5672696010
TSAS-NR502-X-10MM

TE Part #61117-2
CMNL SOK 20-14 BR

TE Part #794000-1
MR RECEPTACLE PTPPHBZ

TE Part #2141864-1
MCON 1.2 LL TAB STC SN

TE Part #DRCP25-86PAA-G005
HDR, 86P, BLK, ST, 12/20, SN/NI/CU, AA

TE Part #121397P021
ES2000-NO.3-B8-0-30MM

TE Part #829131P021
ES2000-NO.1-C1-0-STK

Documents

Product Drawings

CPC RECPT ASSEMBLY SIZE 23-57

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_206438-2_K.2d_dxf.zip



English

Customer View Model

[ENG_CVM_206438-2_K.3d_igs.zip](#)

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3D PDF

3D

Customer View Model

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English

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Datasheets & Catalog Pages

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

English

Product Specifications

[Connector, Circular Plastic](#)

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[Product Specification](#)

English

Instruction Sheets

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

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Agency Approvals

[CSA Certificate](#)

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