

206150-2 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 206150-2

37 Position Circular Power Connector, Housing, 600 VDC, Wire-to-Wire, Wire & Cable, Plug, Socket, Signal, Black, All Plastic, PA 6.6 GF, AMP CPC

[View on TE.com >](#)



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: **37**

Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Sealable: **No**

Features

Packaging Features

Packaging Quantity	10
Packaging Method	Small Pack

Mechanical Attachment

Panel Mount Feature Type	Flange
Mating Alignment Type	Keyed
Mating Retention Type	Threaded Coupling
Mating Alignment	With
Thread Size	1-3/8 - 18 UNEF-2A
Polarization Code	A
Connector Mounting Type	Panel Mount
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

Configuration Features

Reverse Numbering	Without
Number of Positions	37
Number of Power Positions	0
Number of Signal Positions	37

Product Type Features

Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Plug
Circular Connector Shell Type	All Plastic

Electrical Characteristics

Operating Voltage	600 VAC
-------------------	---------

Contact Features

Reverse Gender	No
Contact Type	Socket
Contact Current Rating (Max)	13 A
Contact Protection	With

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
------------------------	----------

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

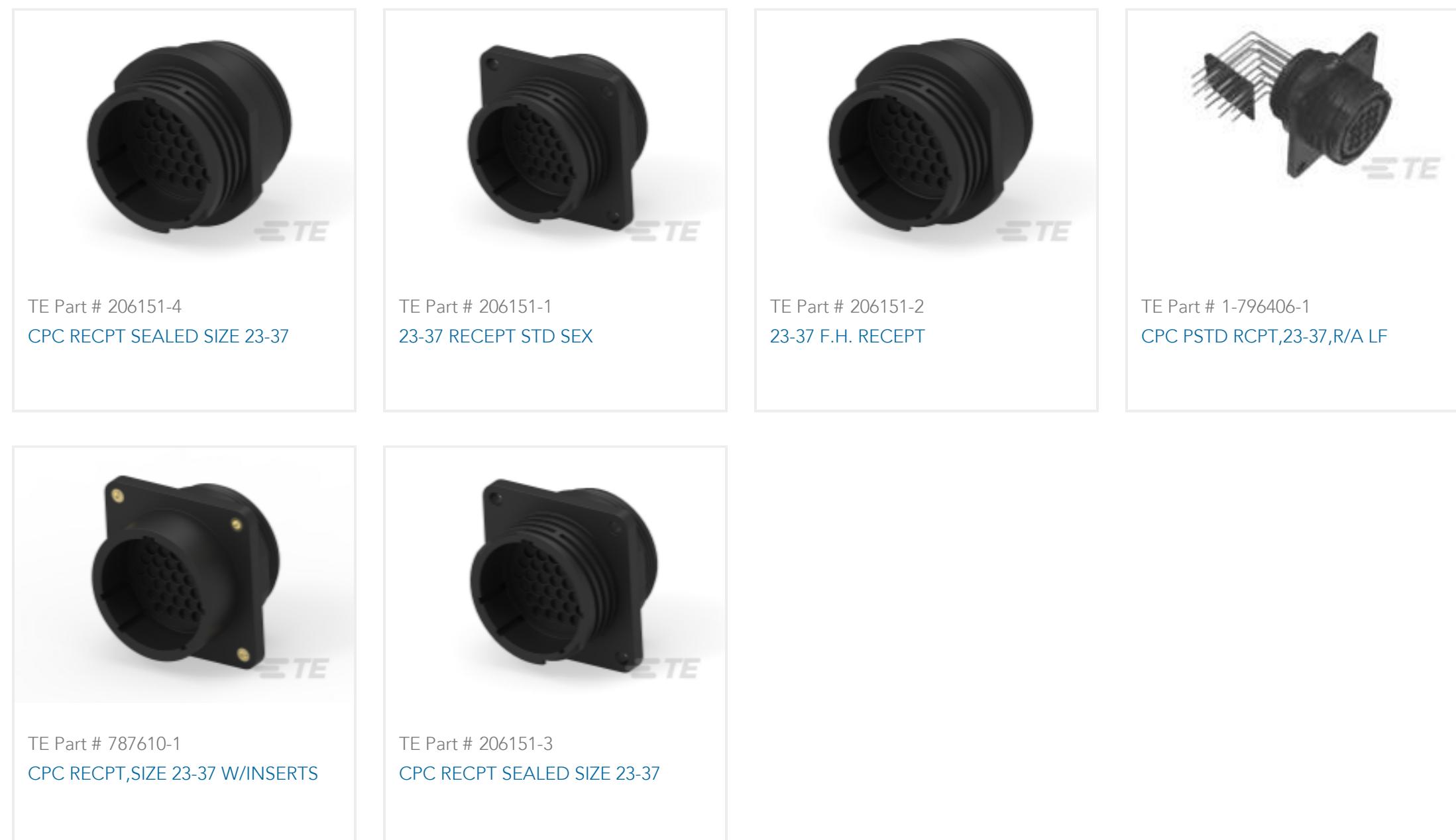
For compliance documentation, visit the product page on TE.com

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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

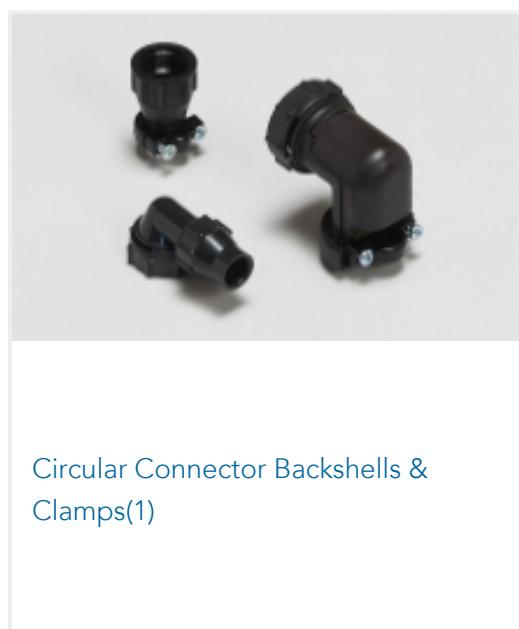
Product Compliance Disclaimer

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>

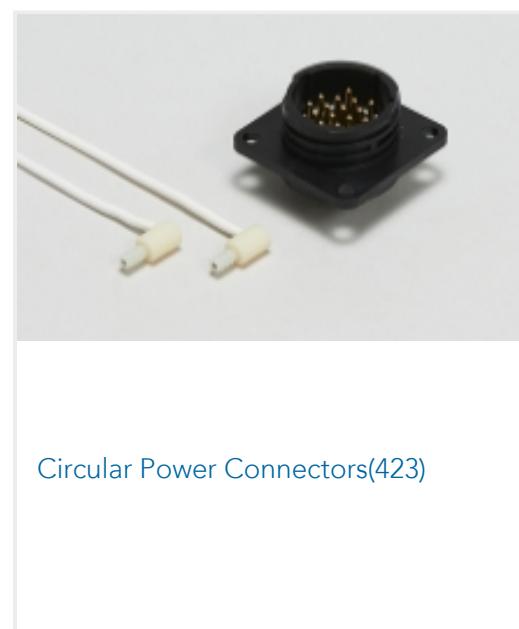
Compatible Parts



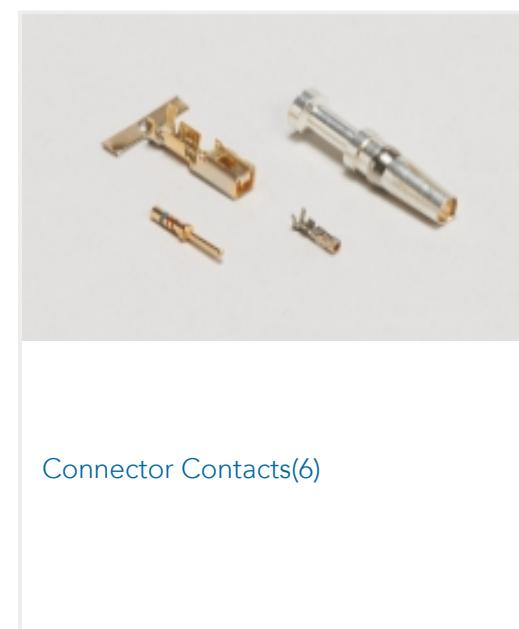
Also in the Series | AMP CPC



Circular Connector Backshells & Clamps(1)



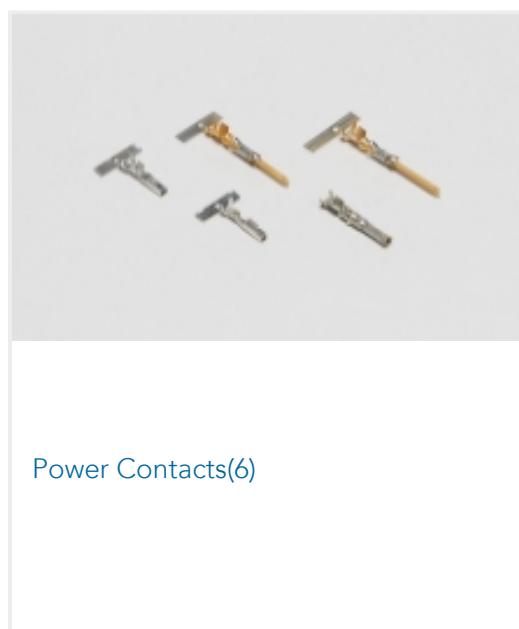
Circular Power Connectors(423)



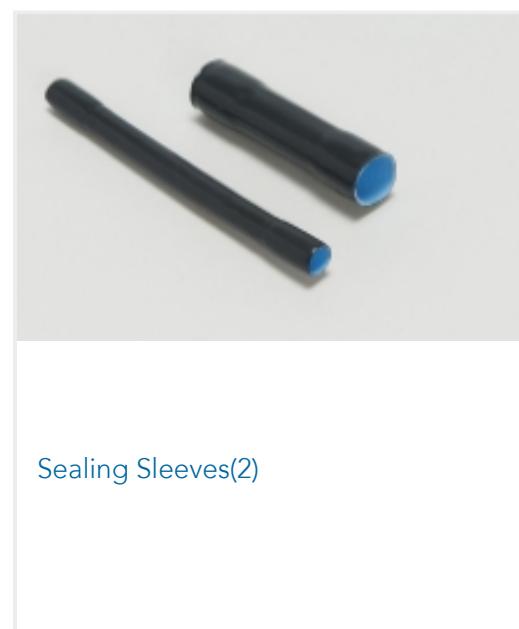
Connector Contacts(6)



Connector Hardware(12)



Power Contacts(6)



Sealing Sleeves(2)

Customers Also Bought

TE Part #1-6609021-0
10VB3=F7129 S0TE Part #4-2176230-2
3522 2K2 5% 3WTE Part #1676814-2
HSA5 230R 5%TE Part #8-2176459-2
SMW 7W 240R 5% TapedTE Part #206060-2
CPC PLUG,SZ 11-4,SMALL PACKTE Part #1-1437624-8
PKAP50B1/4=KNOB PLASTIC W/POINTE Part #9-2176370-9
RQ 0603 4K53 0.1% 10PPM 5K RLTE Part #2176251-9
CRGS2010 5% 4R7TE Part #6-102084-4
04 MODII HORZ DR CE EESS 100CLTE Part #5-103324-4
08 MODII HDR DRRA B/A .100CL LF

Documents

Product Drawings

CPC PLUG,SZ 23-37,SMALL PACK

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_206150-2_K1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_206150-2_K1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_206150-2_K1.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_206150-2_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_206150-2_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_206150-2_M.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Agency Approvals

CSA Certificate

English

CSA Certificate

English