

206306-1

✓ ACTIVE

AMP | AMP Circular Plastic Connectors, Circular Plastic Connectors Series 1

TE Internal #: 206306-1

37 Position Circular Power Connector, Housing, 600 VDC, Wire-to-Wire, Wire & Cable, Receptacle, Reverse Gender, AMP Circular Plastic Connectors

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Connectors > Power Connectors > Circular Power > Circular Power Connectors



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Number of Positions: **37**

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	37
Number of Power Positions	0
Number of Signal Positions	37

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender

Yes

Contact Type

Socket

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 Mounting Holes

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

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity

1

Packaging Method

Package

Product ComplianceFor compliance documentation, visit the product page on TE.com>

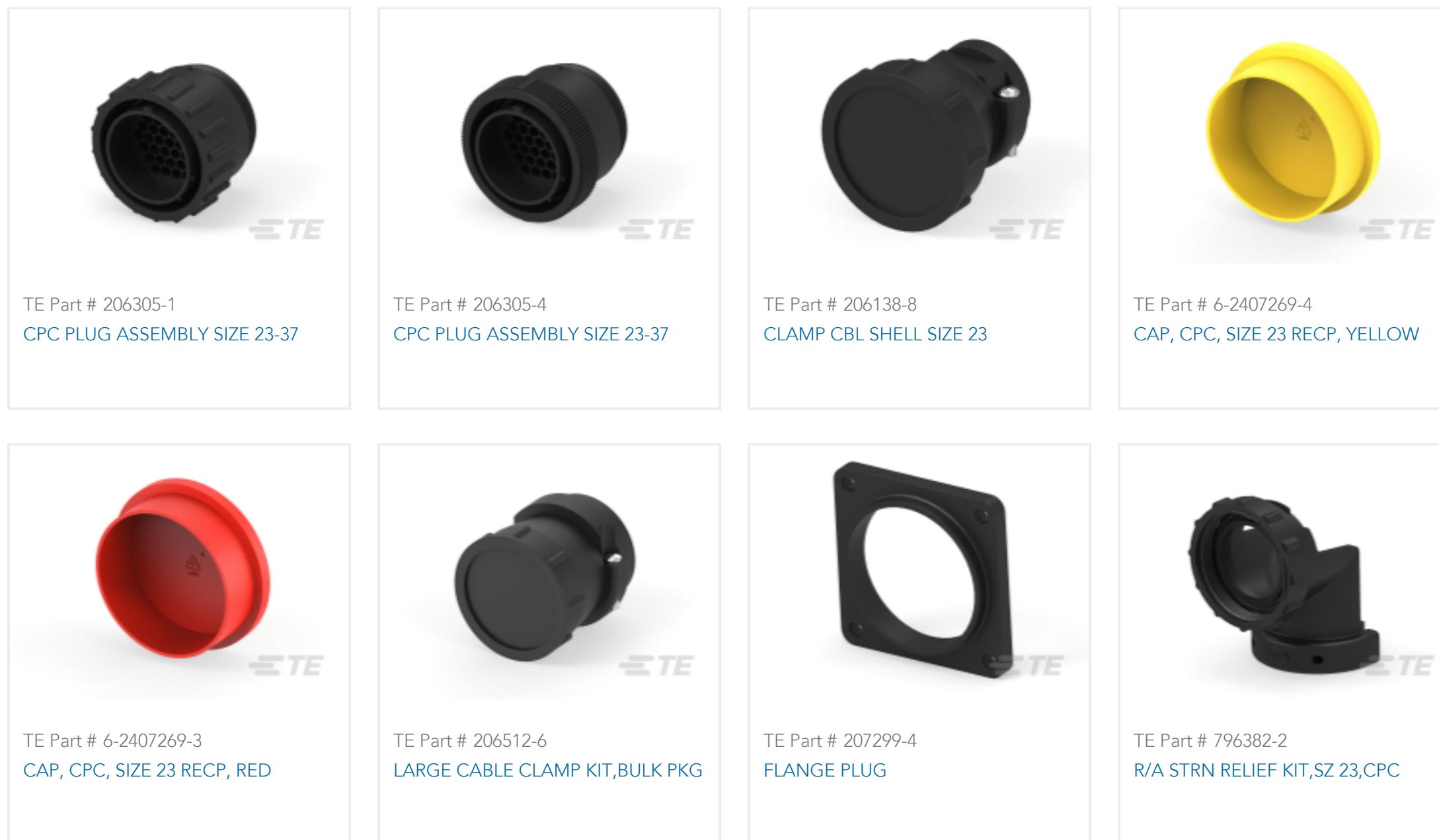
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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

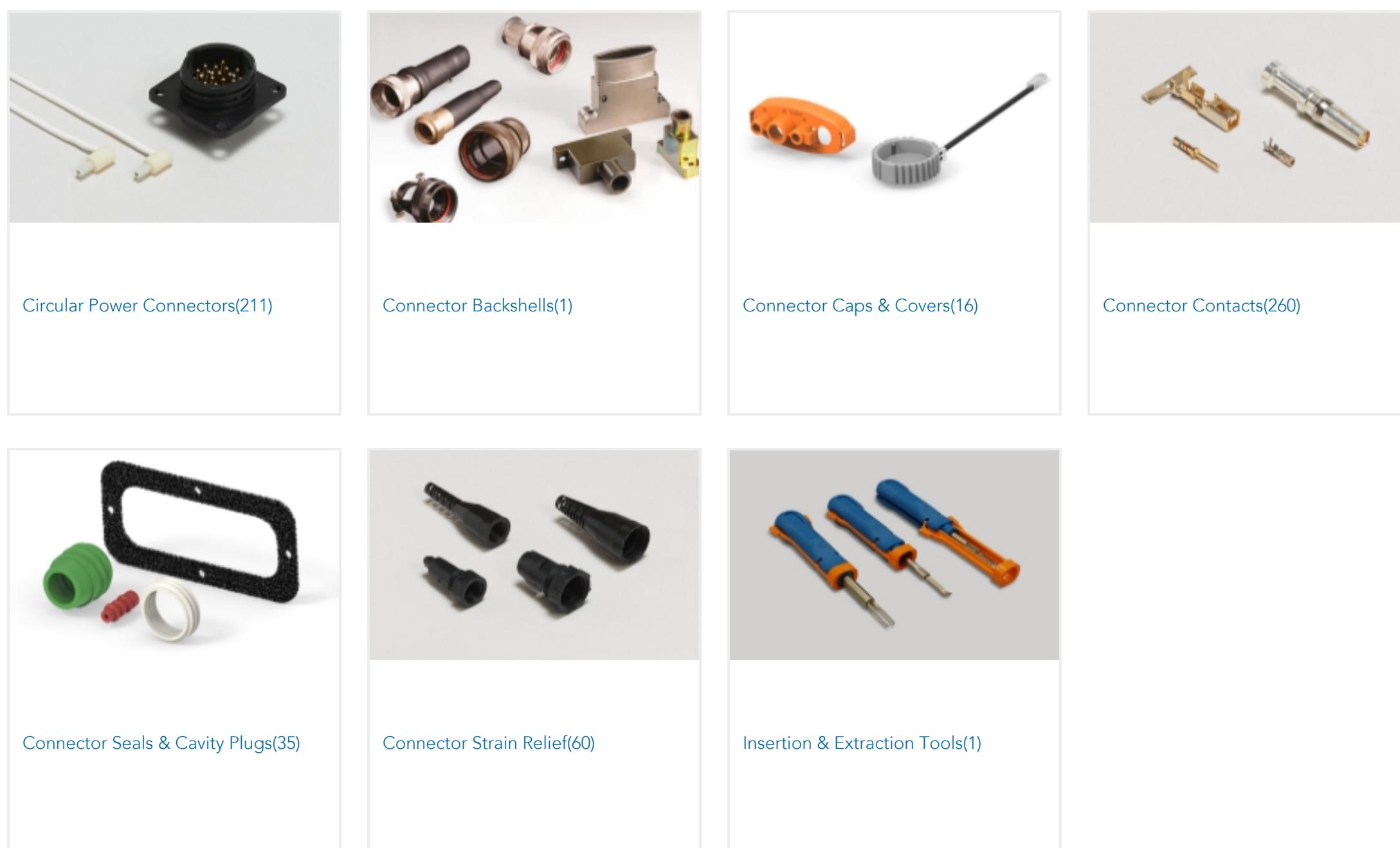
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

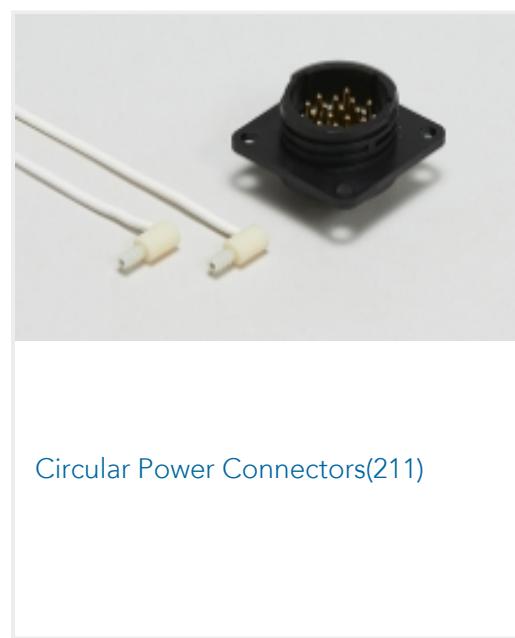
			
TE Part # 207774-4 CABLE CLAMP ASY, SZ 23, BULK PKG	TE Part # 207055-1 EXTENDER BACK SHELL	TE Part # 6-2407269-2 CAP, CPC, SIZE 23 RECP, BLACK	TE Part # 6-2407269-1 CAP, CPC, SIZE 23 RECP, ORANGE
			
TE Part # 207774-3 CLAMP CABLE SHELL, SIZE 23	TE Part # 206512-5 CLAMP, CABLE SHELL, SIZE 23	TE Part # 1-206138-0 CABLE CLAMP ASSY, BULK PACKED	TE Part # 1546350-2 R/A CABLE CLAMP KIT, SZ 23, CPC



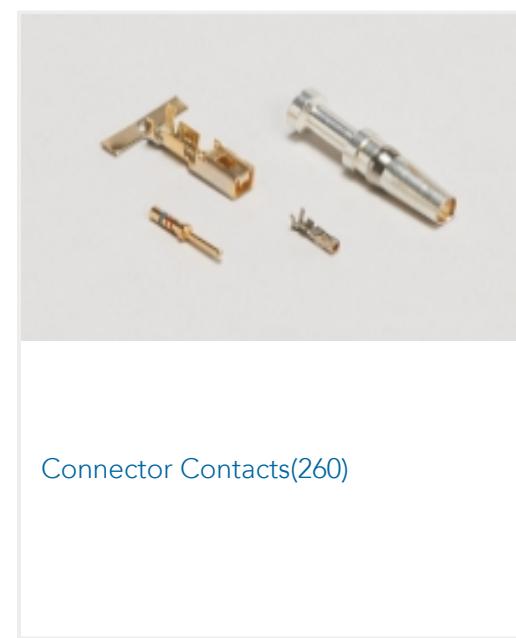
Also in the Series | AMP Circular Plastic Connectors



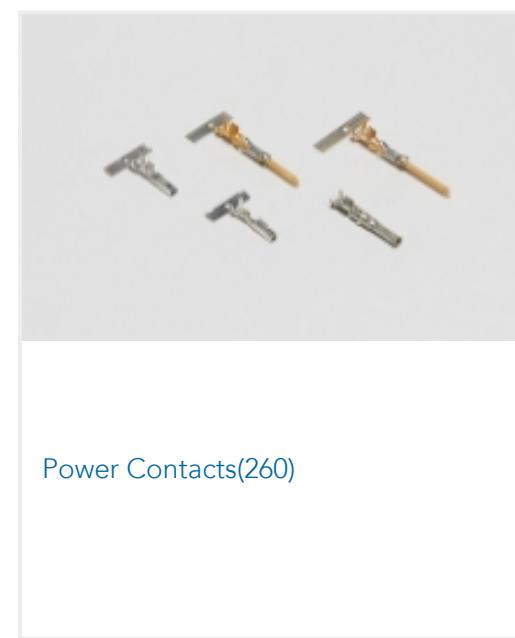
Also in the Series | Circular Plastic Connectors Series 1



Circular Power Connectors(211)



Connector Contacts(260)



Power Contacts(260)

Customers Also Bought

TE Part #1-66099-5
III+ PIN,18-16,TIN ,LPTE Part #1-66101-9
III+ SKT,18-16,TIN ,LPTE Part #1-66105-9
III+ SKT,24-20,TIN,LPTE Part #206043-1
RECEPT,SZ 17-14 CPCTE Part #206430-1
RECPT, SZ 11-4, CPCTE Part #206838-1
23-24 RECEPTE Part #211769-1
17-9 CPC RECEP REV SEXTE Part #213850-1
CPC PLUG ASSEMBLY SIZE 23-37TE Part #213864-1
23-37 RCPT HSG,REV SEX,CPCTE Part #2-2176507-7
CJP 200W 82R 5% Lead

Documents

Product Drawings

23-37 RECEP REV SEX

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_206306-1_AL.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_206306-1_AL.3d_jgs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_206306-1_AL.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

Instruction Sheets

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

English

Agency Approvals

[UL Report](#)

English