

206150-1 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 206150-1

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

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[Connectors](#) > [Power Connectors](#) > [Circular Power](#) > [Circular Power Connectors](#) > [CPC SERIES 6](#)



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Number of Positions: **37**

Sealable: **No**

[All CPC SERIES 6 \(19\)](#)

Features

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

Configuration Features

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

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
Contact Type	Socket



Contact Protection	With
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Mechanical Attachment

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

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Nylon 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
VDE Tested	No

Packaging Features

Packaging Method	Standard
Packaging Quantity	100

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: JUL 2021 (219)

Candidate List Declared Against: JUL 2021 (219)

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



TE Part # CAT-AM71-A17
POWERBAND CONTACTS



TE Part # CAT-AM71-C83998J
CPC SERIES 1



TE Part # 54012-1
CPC STRAIN RELIEF, SIZE 23



TE Part # CAT-AM71-C83998K
CPC SERIES 6



TE Part # CAT-AM71-T98
TYPE II CONTACTS



TE Part # CAT-AM71-C83998L
CPC SEALED ACCESSORIES



TE Part # CAT-AM71-T98E
TYPE III CONTACTS LP



TE Part # CAT-AM71-T98D
TYPE III CONTACTS LP EMEA



TE Part # CAT-AM71-T98A
TYPE III CONTACTS LP



TE Part # CAT-AM71-T98G
TYPE III CONTACTS LP HIGH CURRENT



TE Part # CAT-AM71-T98B
TYPE III CONTACTS STRIP



TE Part # CAT-AM71-T98F
TYPE III CONTACTS STRIP HIGH CURRENT



TE Part # CAT-AM71-C83998F
CPC SERIES 1 POSTED



TE Part # CAT-AM71-C83998Z
CPC SEALING KITS/ACCESSORIES



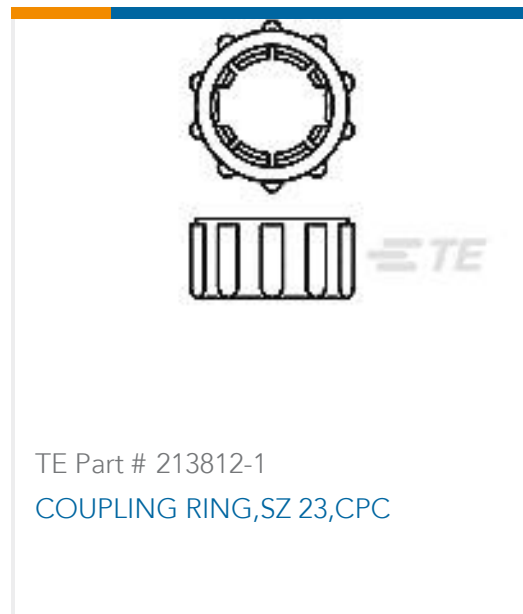
TE Part # 207299-4
FLANGE PLUG



TE Part # 207446-3
SEALING CAP ASSY,SZ 23,CPC



TE Part # CAT-AM71-C83998B
CPC CABLE CLAMPS



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

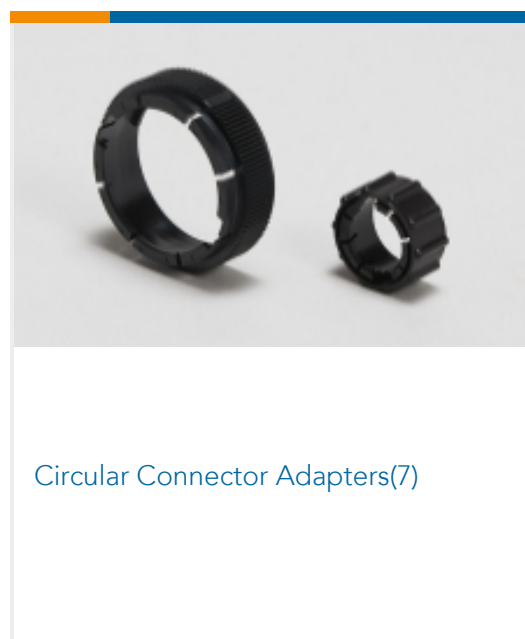


TE Part # 91542-1
CCII TYPE III+ PIN SKT 24-22 ASSY

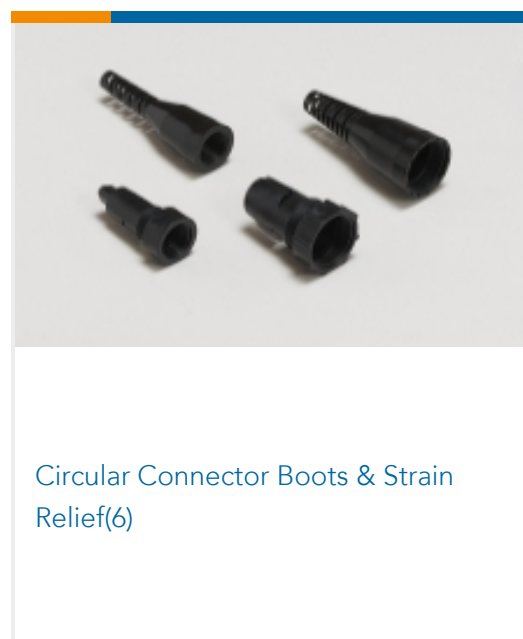


TE Part # 91515-1
CCII TYPE III+ MNL PIN SKT 30-20 ASSY

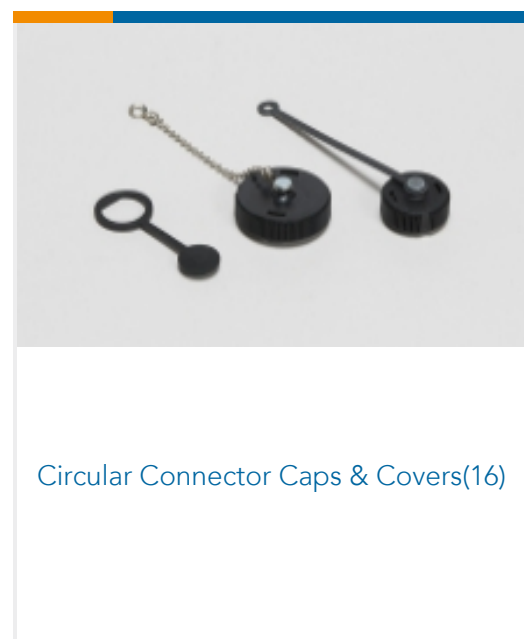
Also in the Series | AMP CPC



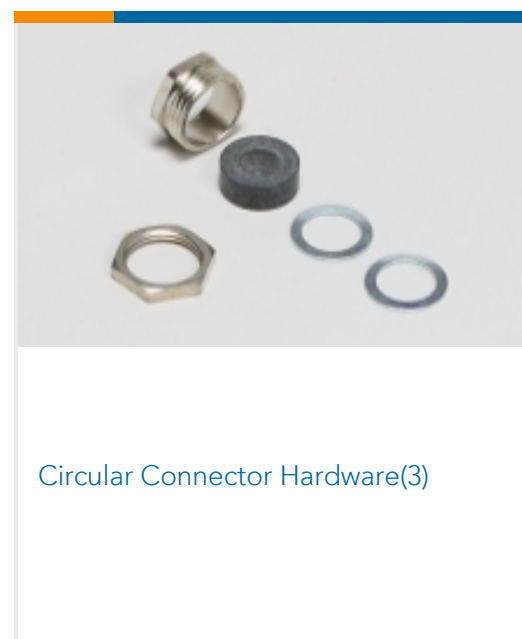
Circular Connector Adapters(7)



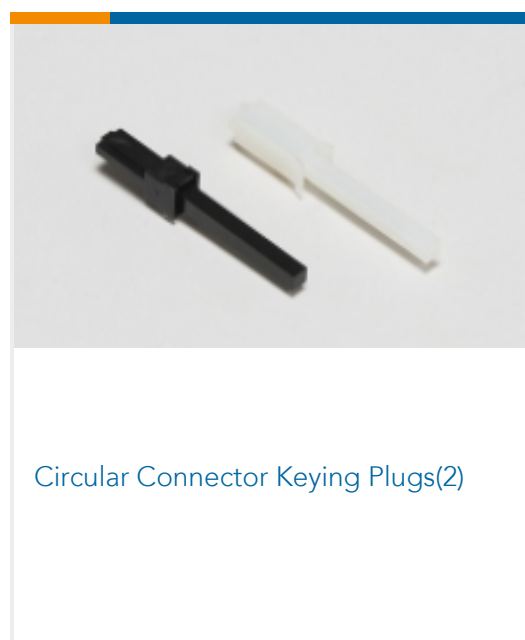
Circular Connector Boots & Strain Relief(6)



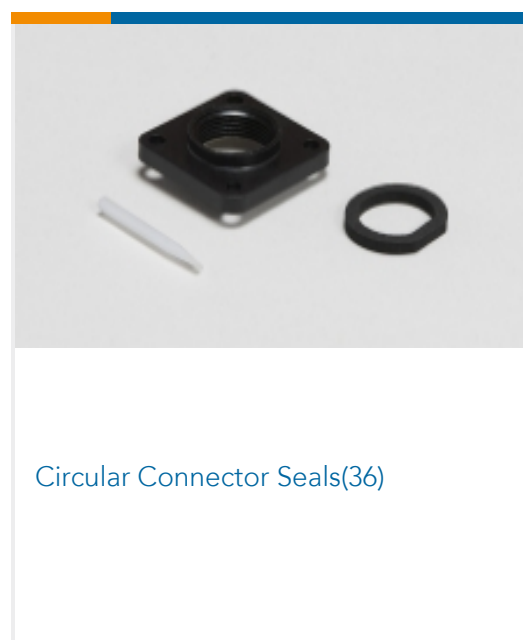
Circular Connector Caps & Covers(16)



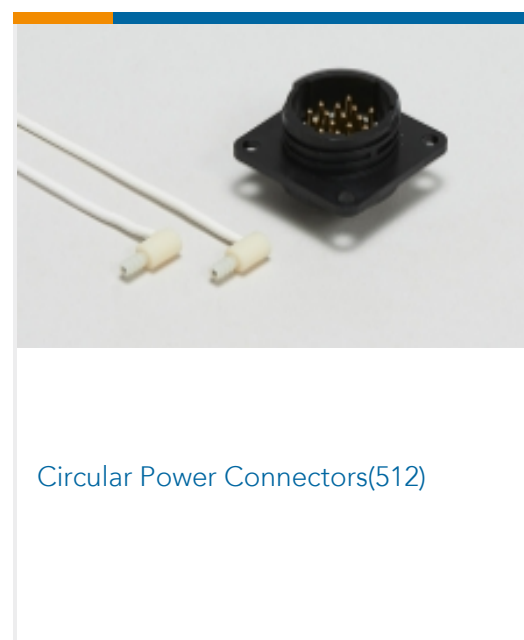
Circular Connector Hardware(3)



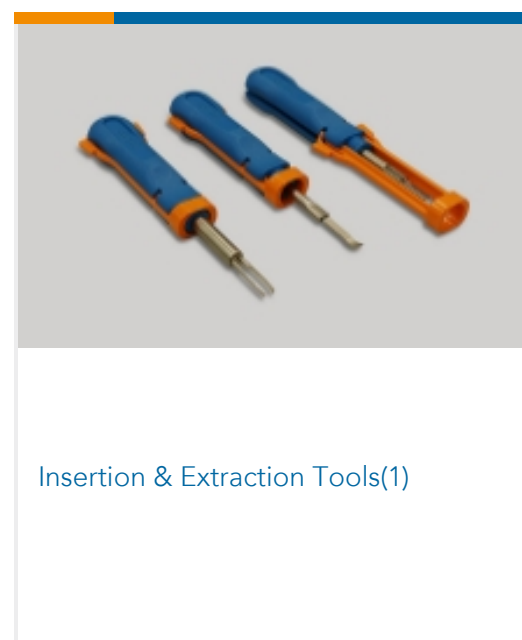
Circular Connector Keying Plugs(2)



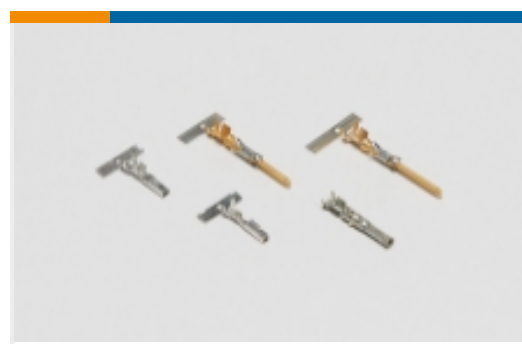
Circular Connector Seals(36)



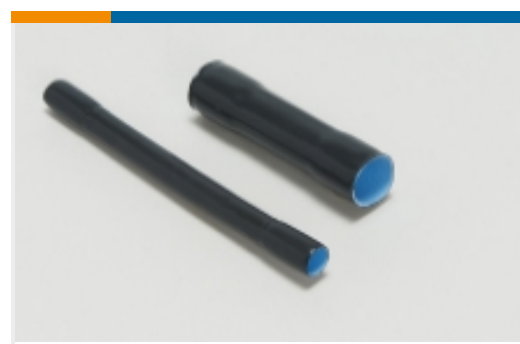
Circular Power Connectors(512)



Insertion & Extraction Tools(1)



Power Contacts(6)

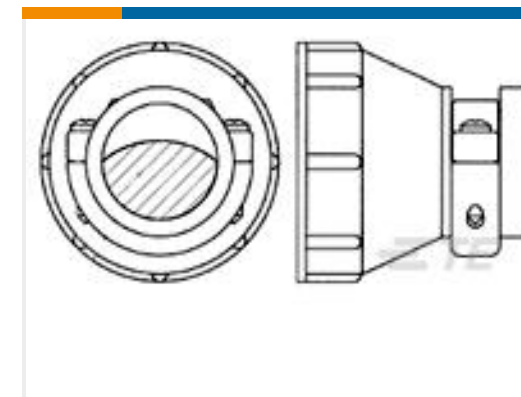


Sealing Sleeves(2)



Unscreened Circular Connector Backshells & Clamps(5)

Customers Also Bought

TE Part #206151-1
CPC SERIES 1TE Part #206305-1
CPC SERIES 6TE Part #206138-8
CPC CABLE CLAMPSTE Part #182652-1
23 SIZE CPC STD CLAMPTE Part #206306-1
23-37 RECEPT REV SEX

Documents

Product Drawings

[CPC PLUG ASSEMBLY SIZE 23-37](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_206150-1_K1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_206150-1_K1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_206150-1_K1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

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

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_206150-1_0707201425_dmtec](#)

English

[MD_206150-1_0707201425_dmtec](#)

English

Instruction Sheets

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

English

Agency Approvals

[UL Report](#)

English