

211825-1 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 211825-1

Circular Power Connectors, Housing, 600 VDC, Wire-to-Panel, 13 Position, Wire & Cable, Receptacle, Pin, Power & Signal, Black, All Plastic, AMP CPC

[View on TE.com >](#)



Connectors > Power Connectors > Circular Power > Circular Power Connectors > CPC Connector Housing, Series 4



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Number of Positions: **13**

Sealable: **No**

[All CPC Connector Housing, Series 4 \(8\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector System	Wire-to-Panel
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	13
Number of Power Positions	5
Number of Signal Positions	8

Electrical Characteristics



Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
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Contact Type	Pin
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Contact Protection	With
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
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Screw & Hole Thread Size	1-3/8 - 18 UNEF-2A
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Connector Mounting Type	Panel Mount
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Mating Alignment	With
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Mating Retention	With
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Panel Mount Feature	With
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Mating Alignment Type	Keyed
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Mating Retention Type	Threaded Coupling
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Housing Features

Body Orientation	Straight
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Housing Color	Black
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Housing Material	PA 6.6 GF
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Circular Connector Shell Size	23
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Dimensions

Signal Conductor Insulation Diameter	3.81 mm[.15 in]
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Power Conductor Insulation Diameter	5.59 mm[.22 in]
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Usage Conditions

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

Circuit Application	Power & Signal
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Shielded	No
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Industry Standards

UL Flammability Rating	UL 94V-0
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VDE Tested No

Packaging Features

Packaging Method Standard

Packaging Quantity 1

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 2022 (224)
 Candidate List Declared Against: JUNE 2022 (224)
 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

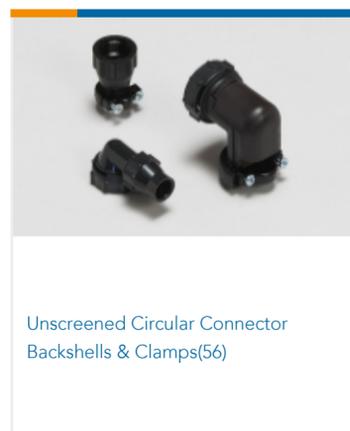
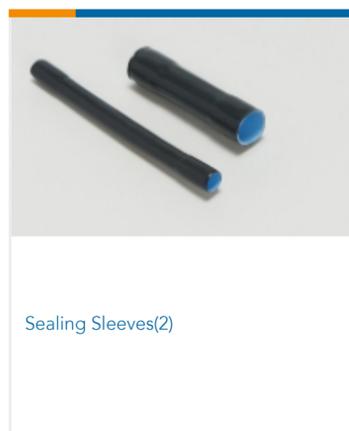
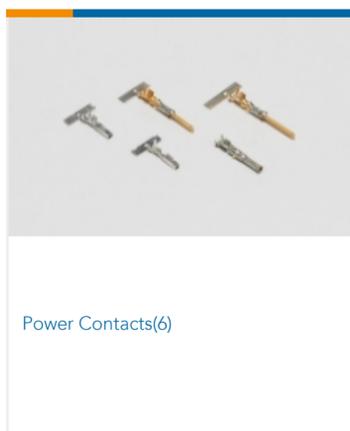
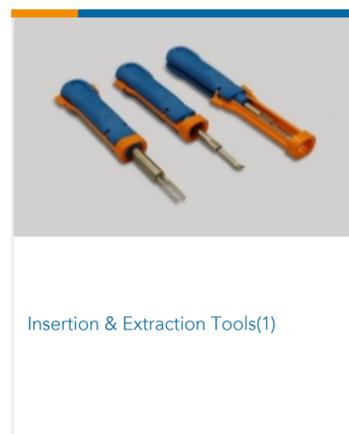
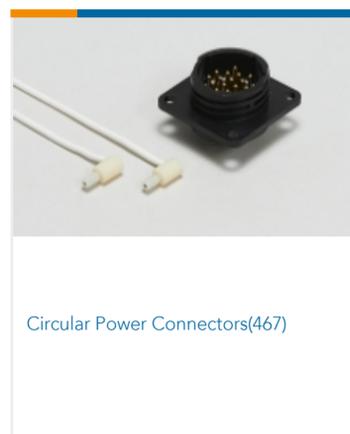
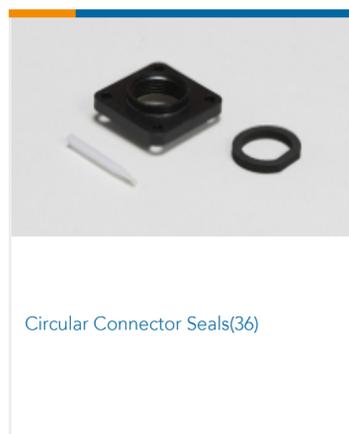
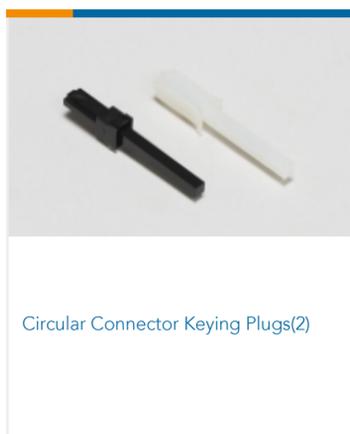
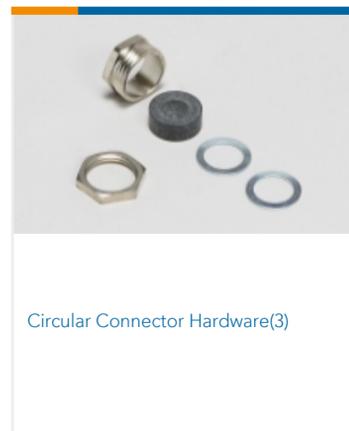
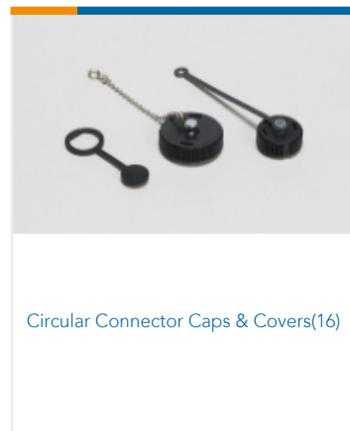
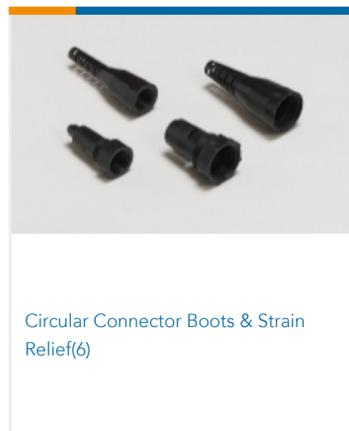
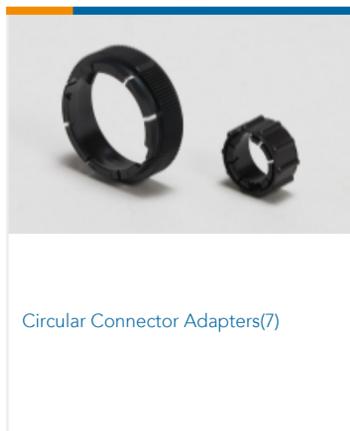
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





Also in the Series | AMP CPC



Documents



Product Drawings

CPC RECPT ASSEMBLY SIZE 23-13

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_211825-1_T.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_211825-1_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_211825-1_T.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

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

CSA Certificate

English