

787610-1 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 787610-1

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

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Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Number of Positions: **37**

Sealable: **No**

[All Cable/Panel Mount Connector, CPC Series 1 \(57\)](#)

## 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	With
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	Pin



Contact Protection	With
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### Mechanical Attachment

Panel Mount Feature Type	Flange with Threaded Inserts
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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	Nylon
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Circular Connector Shell Size	23
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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
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### Packaging Features

Packaging Method	Tray
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Packaging Quantity	21
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	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) SVHC > Threshold: Pb (3.7% in Component Part) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

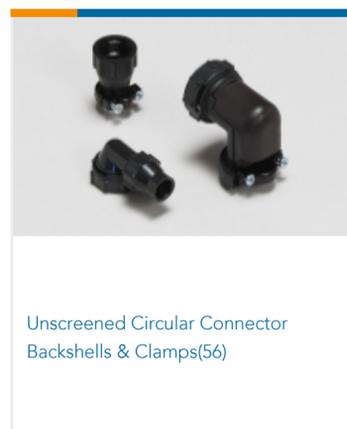
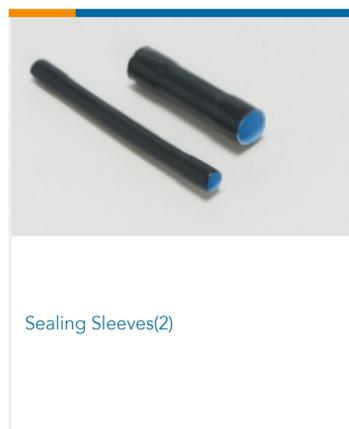
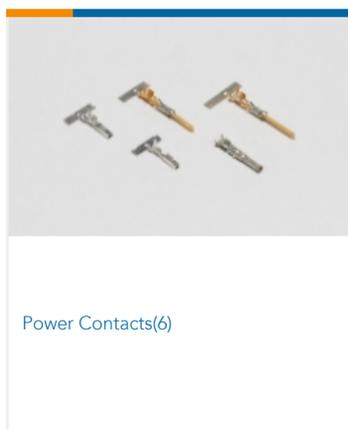
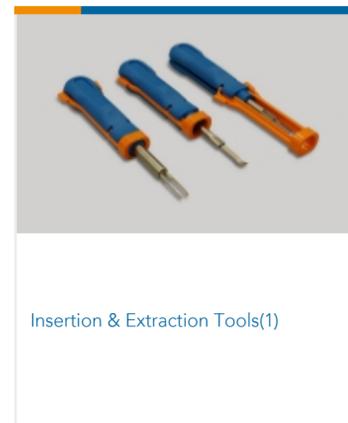
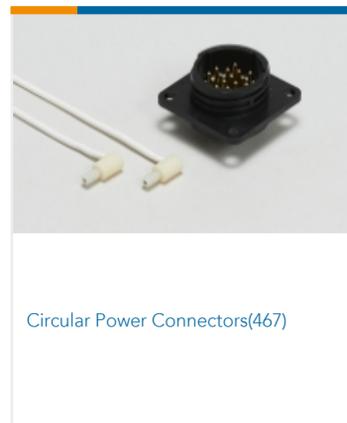
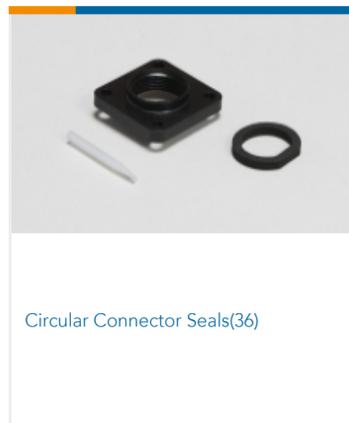
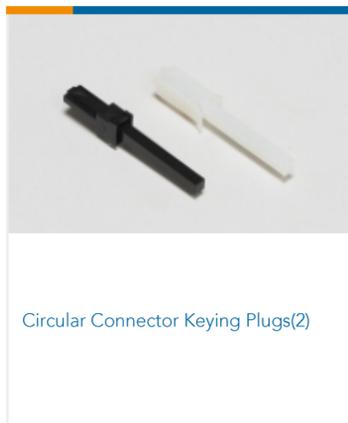
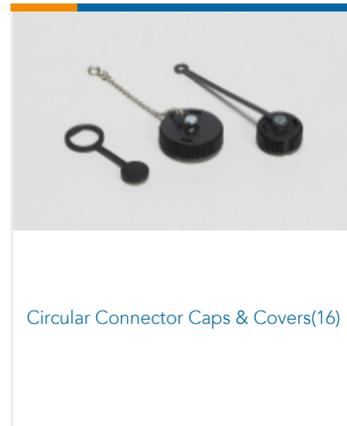
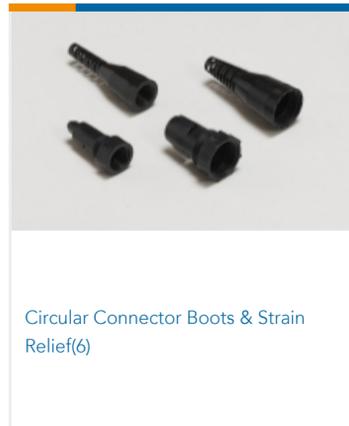
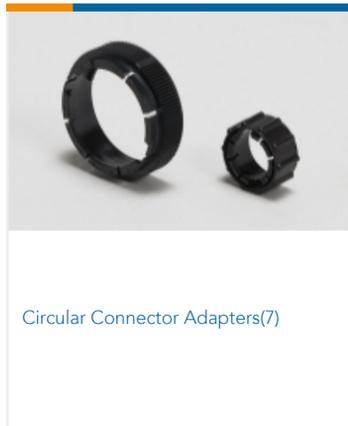
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 206150-1 CPC PLUG ASSEMBLY SIZE 23-37	TE Part # 207299-4 FLANGE PLUG	TE Part # CAT-AM71-C83998B CPC Cable Clamps	TE Part # 206150-3 CPC PLUG ASSEMBLY SIZE 23-37
TE Part # 206150-2 CPC PLUG,SZ 23-37,SMALL PACK	TE Part # 6-2407269-4 CAP, CPC, SIZE 23 RECP, YELLOW	TE Part # 6-2407269-1 CAP, CPC, SIZE 23 RECP, ORANGE	TE Part # 6-2407269-2 CAP, CPC, SIZE 23 RECP, BLACK



## Also in the Series | AMP CPC



## Documents

### Product Drawings

CPC RECPT,SIZE 23-37 W/INSERTS

English

### CAD Files

3D PDF

English

Customer View Model



[ENG\\_CVM\\_787610-1\\_O.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_787610-1\\_O.3d\\_igs.zip](#)

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**Customer View Model**

[ENG\\_CVM\\_787610-1\\_O.3d\\_stp.zip](#)

English

**3D PDF**

3D

**Customer View Model**

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**Customer View Model**

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**Customer View Model**

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English

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### Datasheets & Catalog Pages

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

English

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

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### Agency Approvals

[UL Report](#)

English