

206153-2 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 206153-2

Circular Power Connectors, Housing, 600 VDC, Wire-to-Wire, 4 Position, Sealable, Wire & Cable, Receptacle, Pin, Power & Signal, Black, AMP CPC

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Connectors > Power Connectors > Circular Power > Circular Power Connectors > Circular Connector, Environmentally Sealed, CPC Series 6



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Number of Positions: **4**

Sealable: **Yes**

[All Circular Connector, Environmentally Sealed, CPC Series 6 \(19\)](#)

## Features

### Product Type Features

Connector Seal & Plug Type	Peripheral
Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

### Configuration Features

Reverse Numbering	Without
Number of Positions	4
Number of Power Positions	0
Number of Signal Positions	4

### Electrical Characteristics

Operating Voltage	600 VAC
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### Contact Features

Reverse Gender	No
Contact Type	Pin
Contact Protection	With

### Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Mating Retention Type	Threaded Coupling
Thread Size	5/8-24 UNEF-2A
Polarization Code	A
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With
Panel Mount Feature	Without

### Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Nylon
Circular Connector Shell Size	11

### Usage Conditions

Operating Temperature Range	-55 - 105 °C [-67 - 221 °F]
Fluid Resistance	Immersion

### Operation/Application

Circuit Application	Power & Signal
Shielded	No

### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	1
Packaging Method	Package

## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://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 2024 (240) Candidate List Declared Against: JUNE 2023 (235) 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

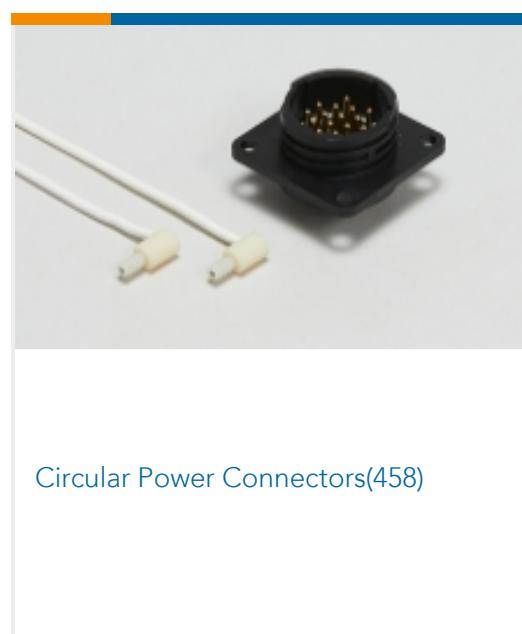
 TE Part # CAT-AM71-C83998 CPC Heat Shrink Strain Reliefs	 TE Part # 206060-1 CPC PLUG ASSEMBLY SIZE 11-4	 TE Part # 81665-3 ECONOSEAL, FLANGE GASKET	 TE Part # 208800-1 SEALING CAP ASSY,SZ 11,CPC
 TE Part # 206903-2 SEALING CAP ASSY,SZ 11,CPC	 TE Part # 1-2407269-2 CAP, CPC, SIZE 11 RECP & 13 PLUG, BLACK	 TE Part # 1-2407269-4 CAP, CPC, SIZE 11 RECP & 13 PLUG, YELLOW	 TE Part # 1-2407269-1 CAP, CPC, SIZE 11 RECP & 13 PLUG, ORANGE



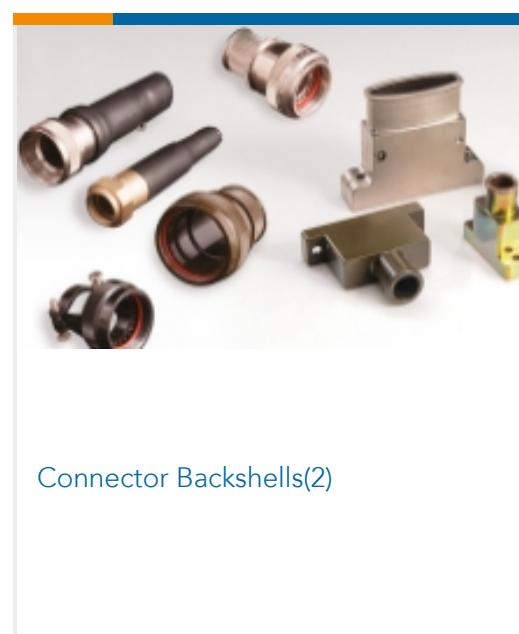
TE Part # 1-2407269-3  
CAP, CPC, SIZE 11 RECP & 13 PLUG,  
RED

## Also in the Series

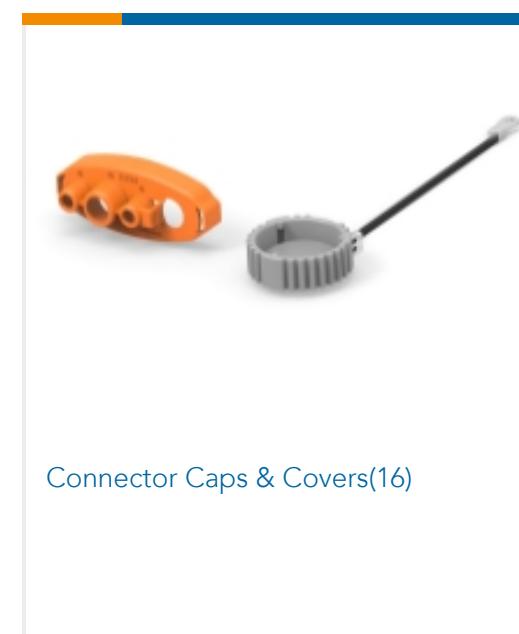
### AMP CPC



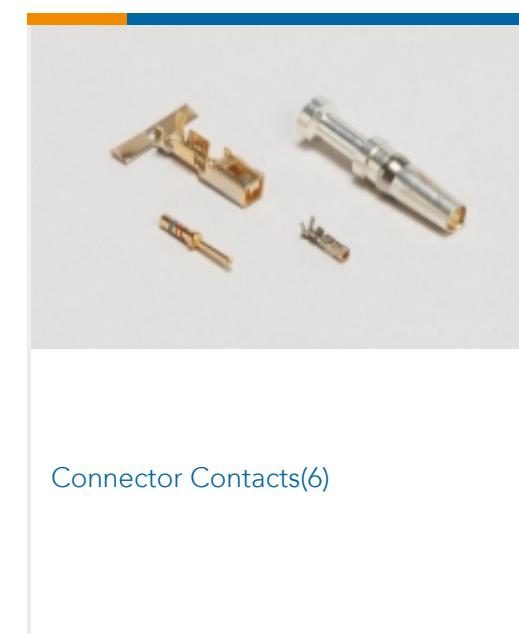
Circular Power Connectors(458)



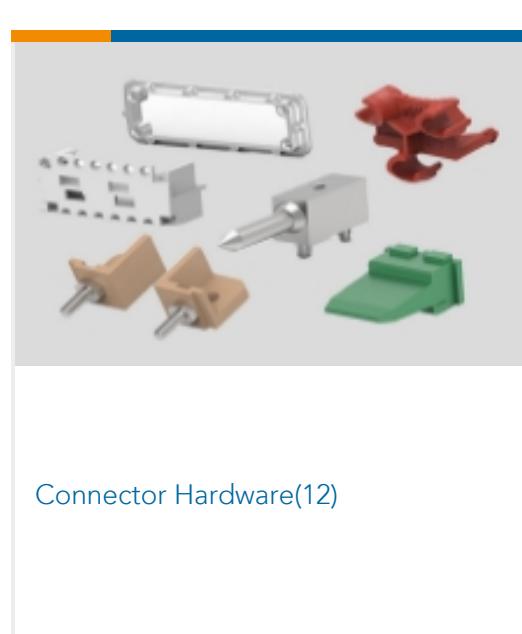
Connector Backshells(2)



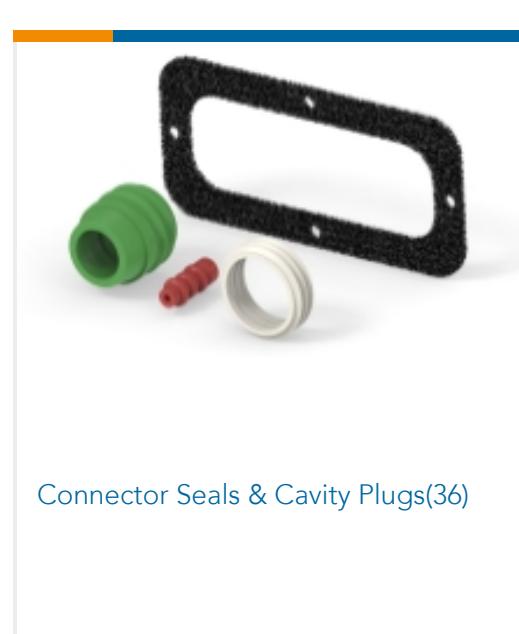
Connector Caps & Covers(16)



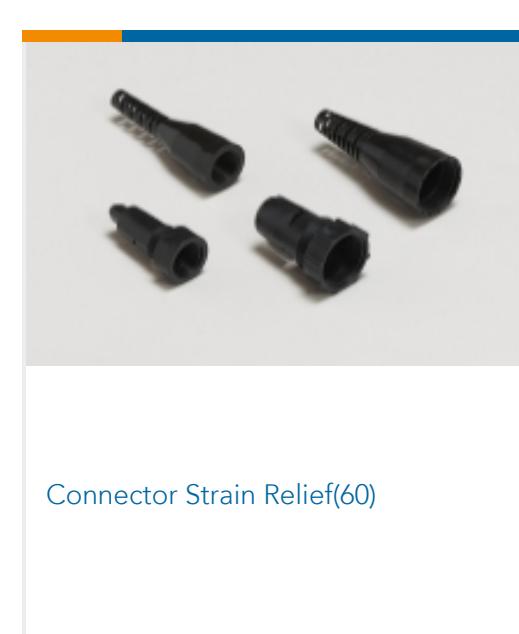
Connector Contacts(6)



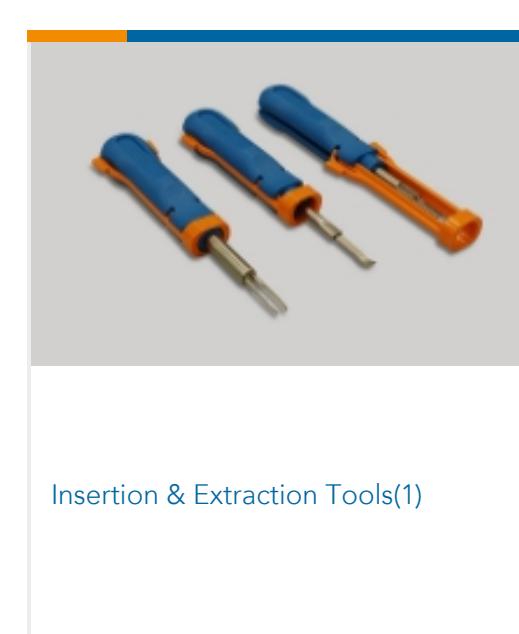
Connector Hardware(12)



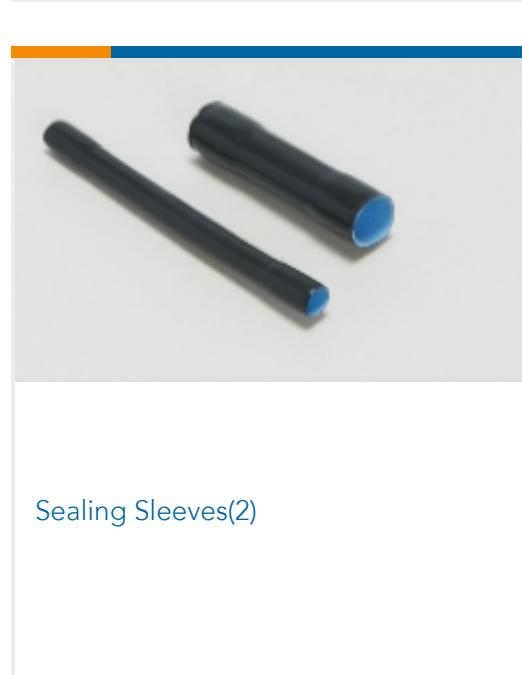
Connector Seals & Cavity Plugs(36)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)



Sealing Sleeves(2)

## Customers Also Bought



TE Part # 206060-1  
CPC PLUG ASSEMBLY SIZE 11-4



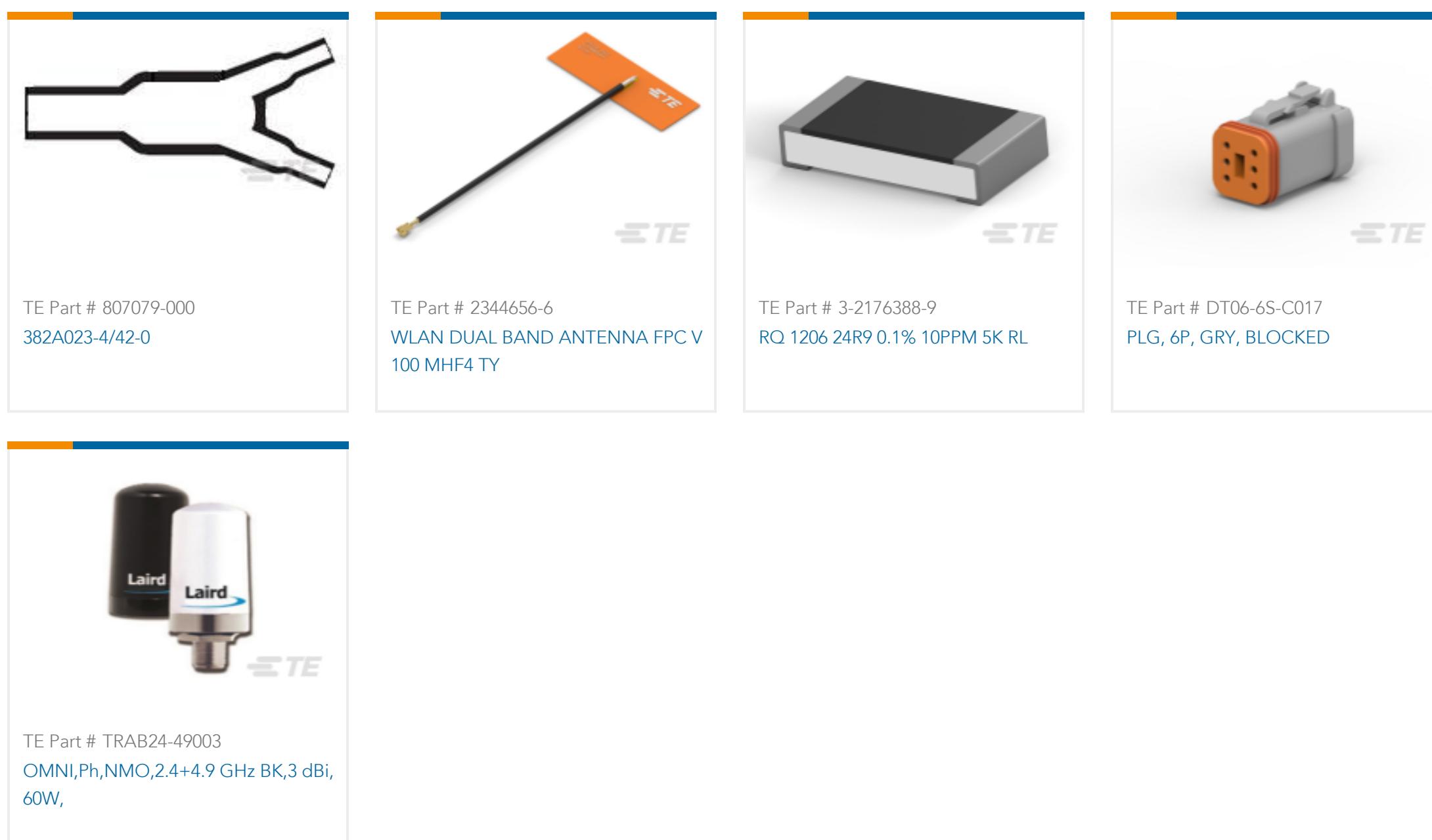
TE Part # 1-206062-4  
CPC Cable Clamps



TE Part # 640706-2  
CONTACT .045 POST PT BRASS



TE Part # 2823064-1  
M12-DUST CAP-FEMALE CONN-IP67-  
W/O SLEEVE



## Documents

### Product Drawings

#### CPC RECPT ASSEMBLY SIZE 11-4

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_206153-2\\_V.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_206153-2\\_V.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_206153-2\\_V.3d\\_stp.zip](#)

English

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

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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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### Agency Approvals

#### UL Report

English