

1-208657-0 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 1-208657-0

Circular Power Connectors, Connector Assembly, 250 VDC, Wire-to-Board, 8 Position, Printed Circuit Board, Receptacle, Reverse Gender, Socket, AMP CPC

[View on TE.com >](#)



Connectors > Power Connectors > Circular Power > Circular Power Connectors > Connectors, CPC Series 2, with Posted Contacts



Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC**

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

Number of Positions: **8**

Sealable: **No**

[All Connectors, CPC Series 2, with Posted Contacts \(8\)](#)

## Features

### Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

### Configuration Features

Number of Positions	8
Number of Power Positions	0
Number of Signal Positions	8

### Electrical Characteristics

Operating Voltage	250 VAC
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### Contact Features

Reverse Gender	Yes
Contact Type	Socket
Contact Current Rating (Max)	7.5 A
Contact Protection	With

### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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### Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Panel Mount Feature Type	Flange with Threaded Inserts
Mating Retention Type	Threaded Coupling
Polarization Code	A
Connector Mounting Type	Panel Mount
Mating Retention	With
Panel Mount Feature	With

### Housing Features

Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	11

### Dimensions

Assembly Length	35.13 mm[1.383 in]
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### Usage Conditions

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

### Operation/Application

Circuit Application	Signal
Shielded	No

### Industry Standards

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

Packaging Quantity	27
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Packaging Method

Bag

### Product Compliance

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

EU RoHS Directive 2011/65/EU

Compliant with Exemptions

EU ELV Directive 2000/53/EC

Compliant with Exemptions

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 2023 (235)

Candidate List Declared Against: JUNE 2023 (235)

SVHC > Threshold:

Pb (3.7% in Component Part)

**Article Safe Usage Statements:**

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

Wave solder capable to 265°C

**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-C83998B  
CPC Cable Clamps



TE Part # 207489-1  
FLEXIBLE CABLE BOOT, SIZE 11



TE Part # 207490-1  
CABLE GRIPPER, SIZE 11



TE Part # 206434-1  
CPC PLUG ASSEMBLY SIZE 11-8



TE Part # 207299-1  
PLUG MTG. FLANGE NO 11 CPC



TE Part # 1-2407269-2  
CAP, CPC, SIZE 11 RECP & 13 PLUG, BLACK

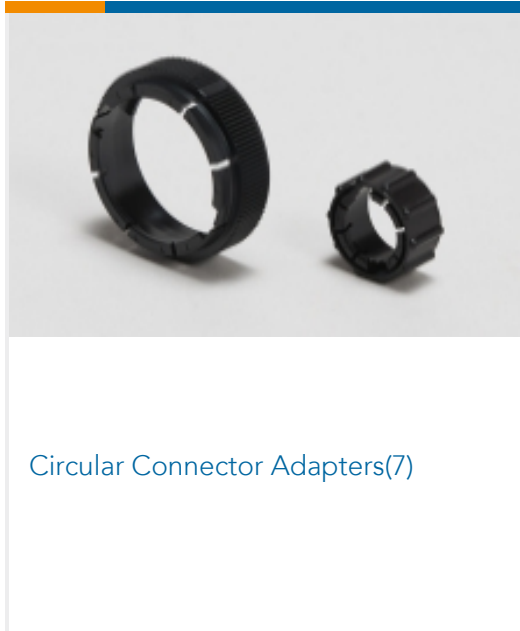


TE Part # 1-2407269-1  
CAP, CPC, SIZE 11 RECP & 13 PLUG, ORANGE

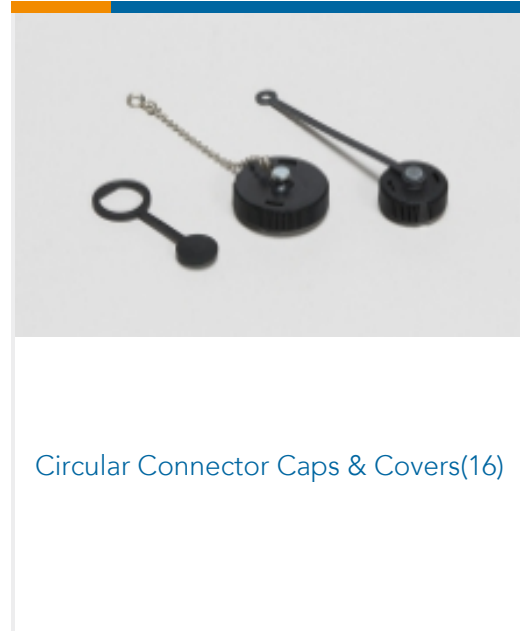


TE Part # 208657-5  
CPC RECEPT ASSEMBLY SIZE 11-8

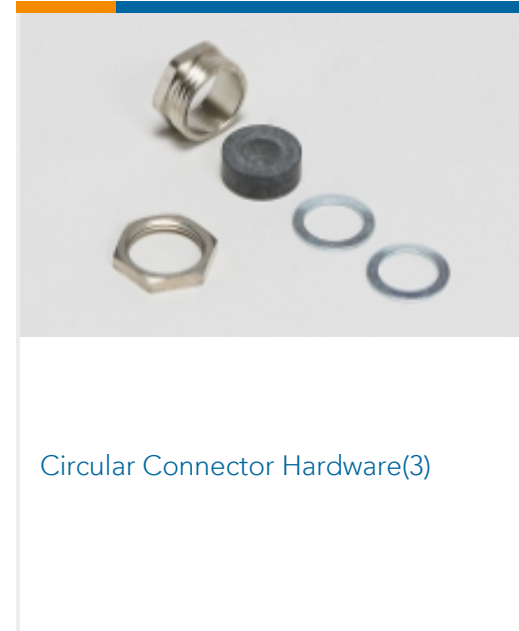
## Also in the Series | AMP CPC



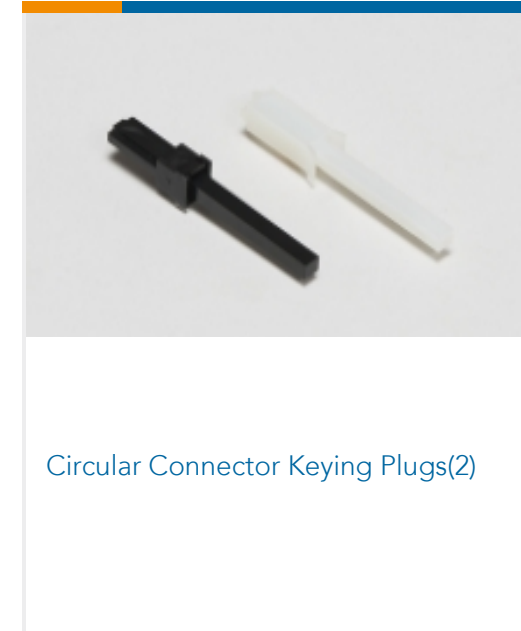
Circular Connector Adapters(7)



Circular Connector Caps & Covers(16)



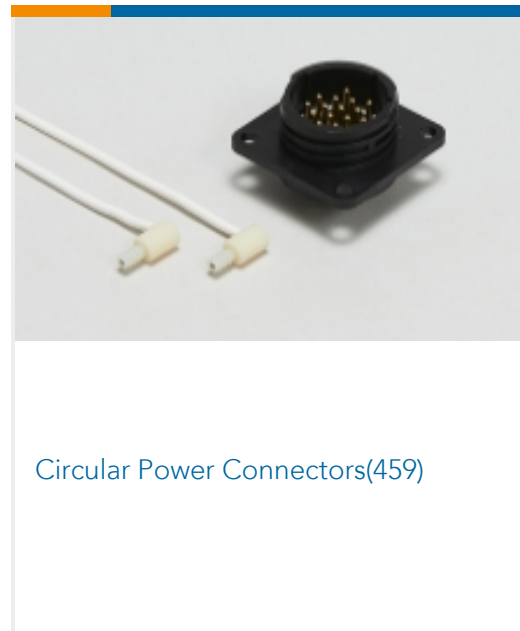
Circular Connector Hardware(3)



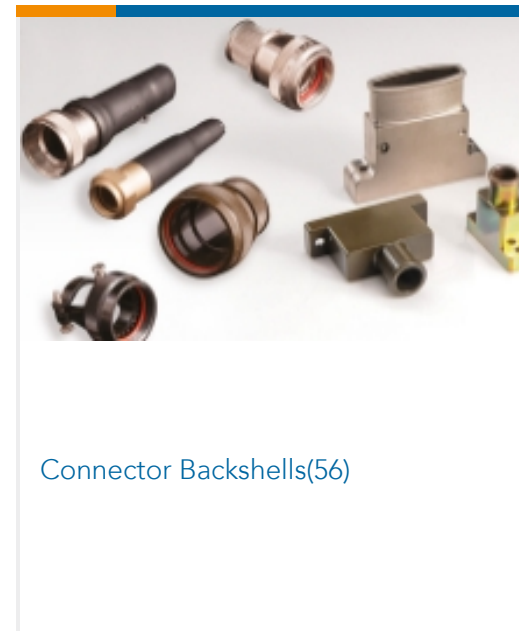
Circular Connector Keying Plugs(2)



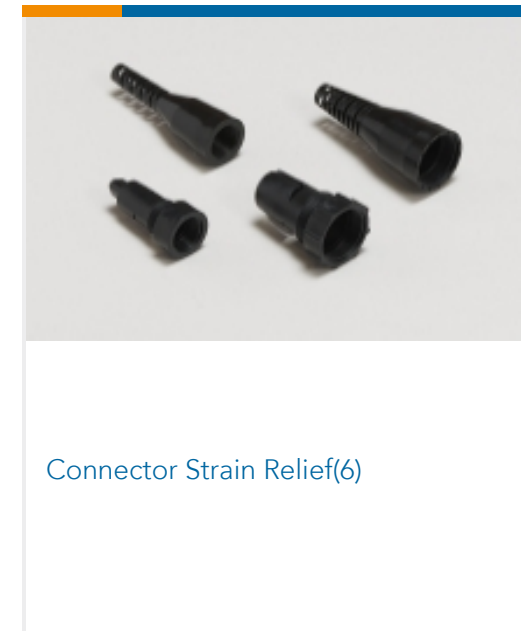
Circular Connector Seals(36)



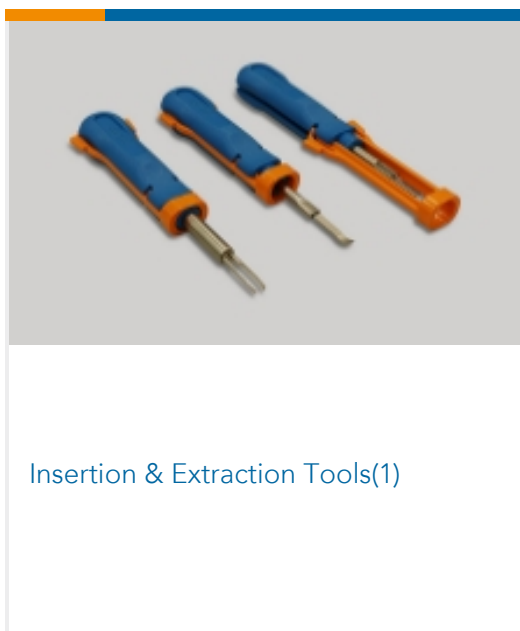
Circular Power Connectors(459)



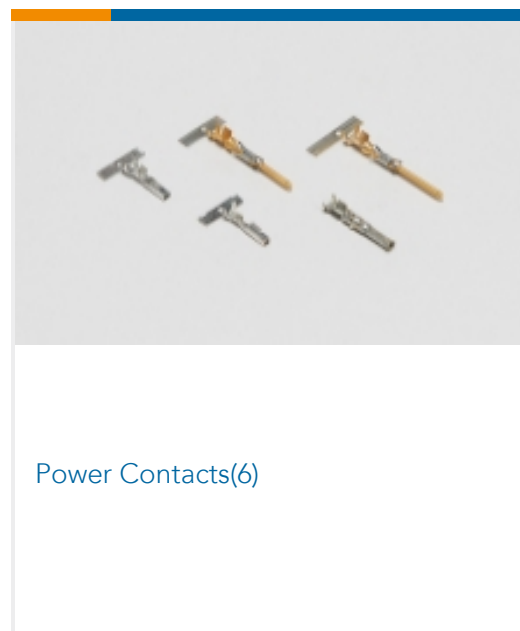
Connector Backshells(56)



Connector Strain Relief(6)



Insertion & Extraction Tools(1)



Power Contacts(6)



Sealing Sleeves(2)

## Customers Also Bought



TE Part #2-6609115-2  
6EGG1-1 SHORT VERS=F7382E



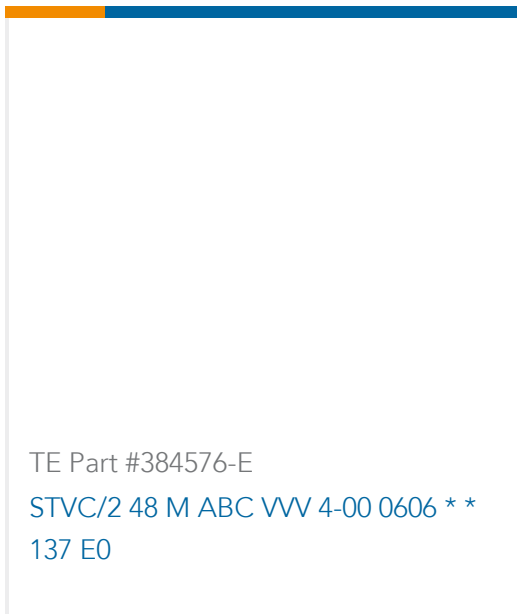
TE Part #6-1622824-1  
RL73N 1J R10 5% 5K RL



TE Part #5-103361-3  
05 MODII HDR SRRA SHRD LF



TE Part #3-6318491-6  
.5FHP08H,220,S,GIG,08/Sn,HT,NSYes



## Documents

### Product Drawings

[CPC RECEPT ASSEMBLY SIZE 11-8](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-208657-0\\_AG.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-208657-0\\_AG.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-208657-0\\_AG.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

[Connector, Circular Plastic](#)

English

[Product Specification](#)

English



**Agency Approvals**

**CSA Certificate**

English

**CSA Certificate**

English