

213729-6 ✓ ACTIVE

AMP | AMP CPC

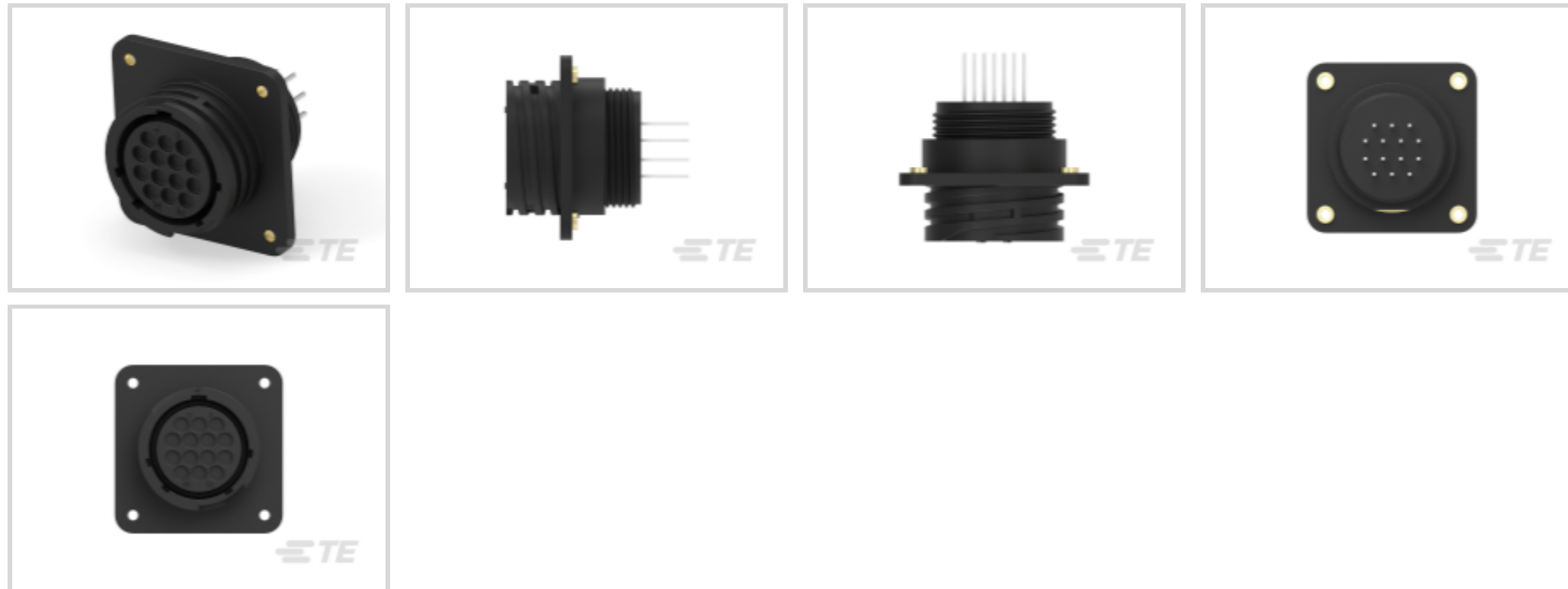
TE Internal #: 213729-6

Circular Power Connectors, Connector Assembly, 250 VDC, Wire-to-Board / Wire-to-Panel, 14 Position, Receptacle, Reverse Gender, Socket, AMP CPC

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Connectors > Power Connectors > Circular Power > Circular Power Connectors > Connectors with Posted Pin Contacts, CPC Series 1



Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC**

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

Number of Positions: **14**

Sealable: **No**

[All Connectors with Posted Pin Contacts, CPC Series 1 \(39\)](#)

## Features

### Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board, Wire-to-Panel
Sealable	No
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

### Configuration Features

Number of Positions	14
Number of Power Positions	0
Keying	A
Number of Signal Positions	14

### Electrical Characteristics

Operating Voltage	250 VAC
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### Contact Features

Reverse Gender	Yes
Contact Type	Socket

### Termination Features

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

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

### Housing Features

Housing Color	Black
Housing Material	PA 6.6
Circular Connector Shell Size	17

### Dimensions

Assembly Length	36.02 mm[1.418 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 Method	Tray
Packaging Quantity	24

### 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 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	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 # 207299-3  
FLANGE PLUG MOUNT CPC



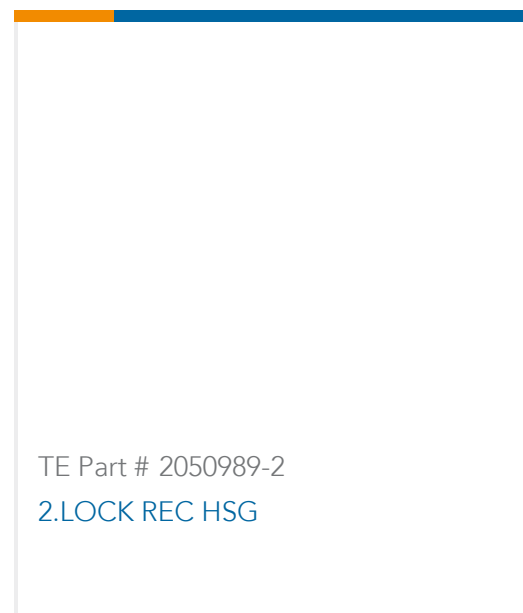
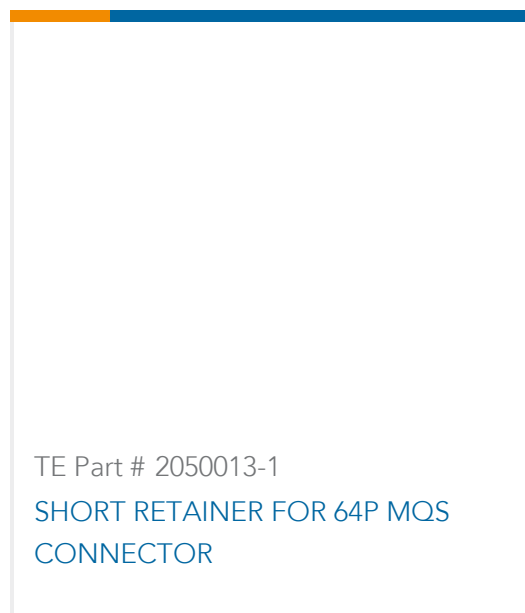
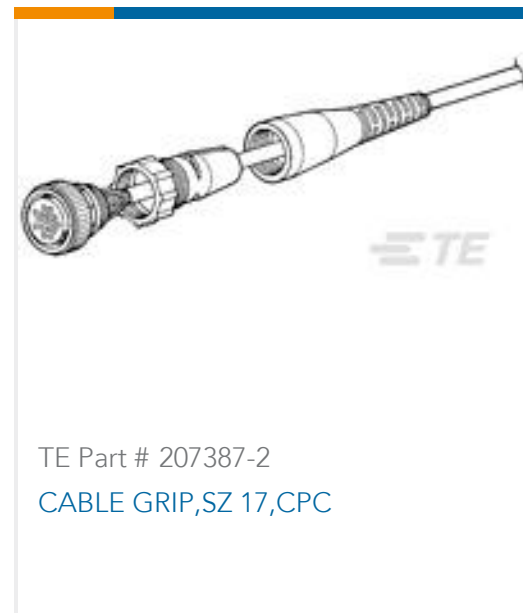
TE Part # 206044-1  
CPC PLUG ASSEMBLY SIZE 17-14



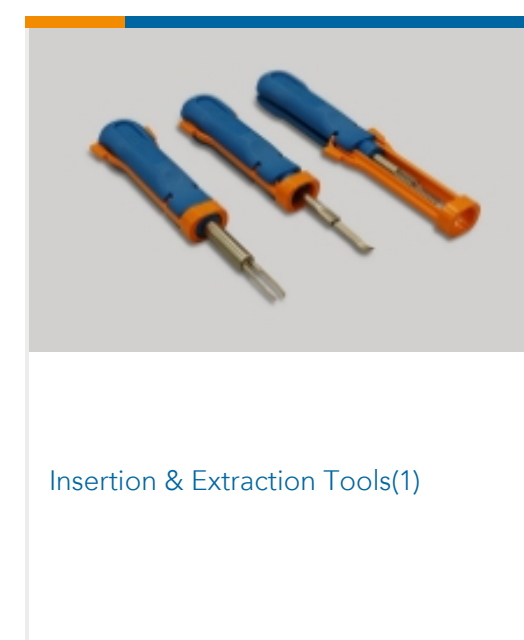
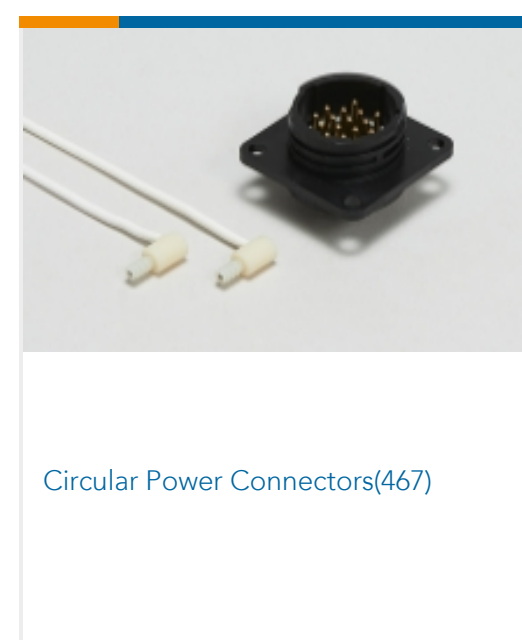
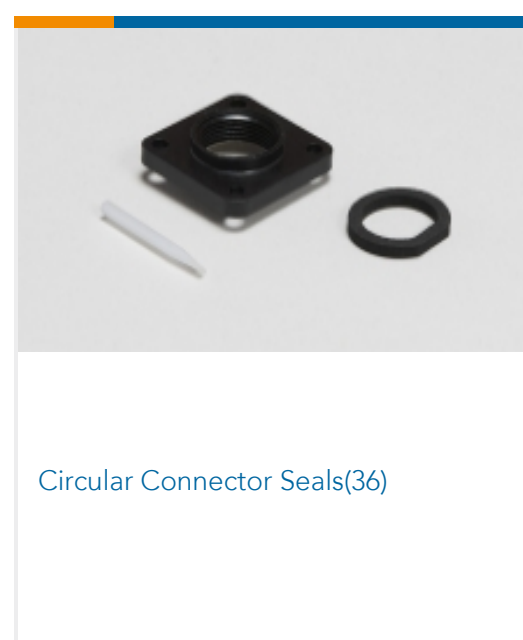
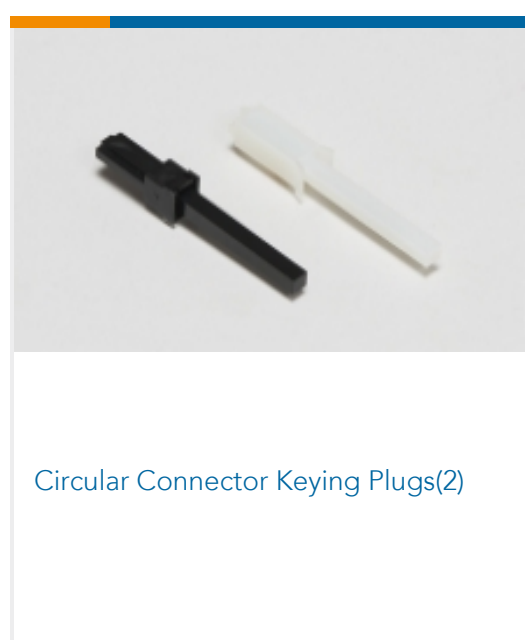
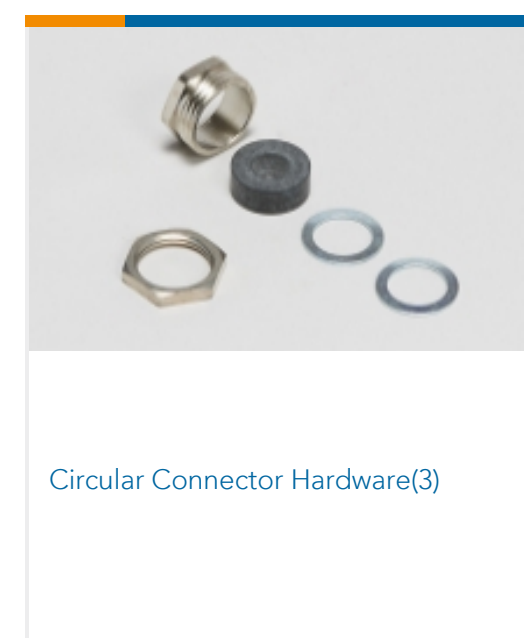
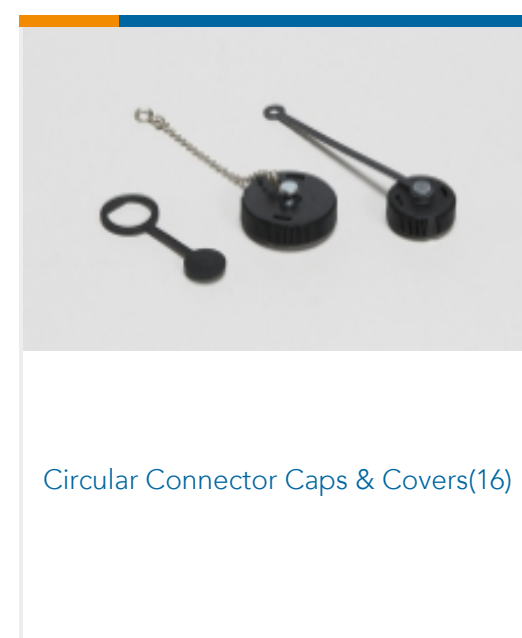
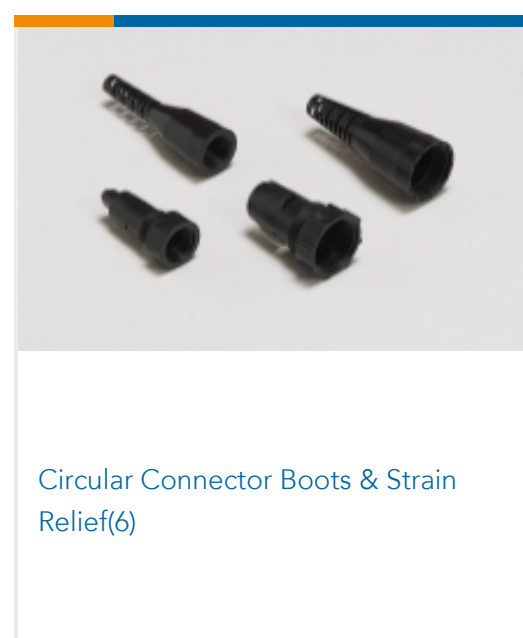
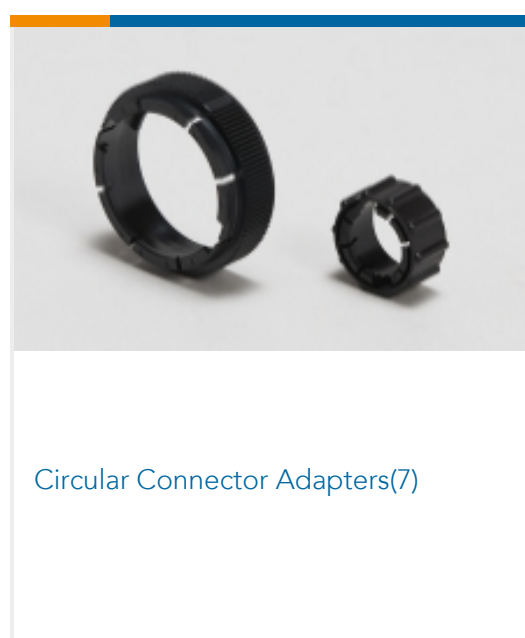
TE Part # CAT-AM71-C83998B  
CPC Cable Clamps



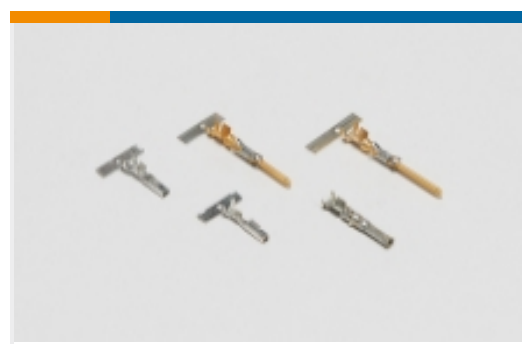
TE Part # 207241-1  
CABLE BOOT, SZ 17, CPC



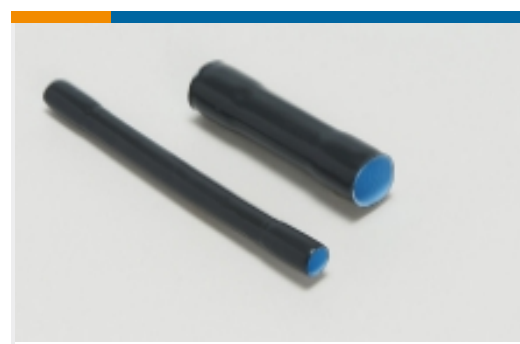
Also in the Series | AMP CPC







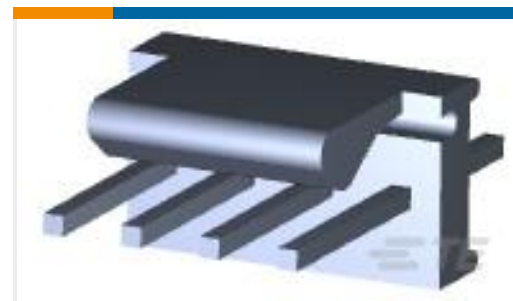
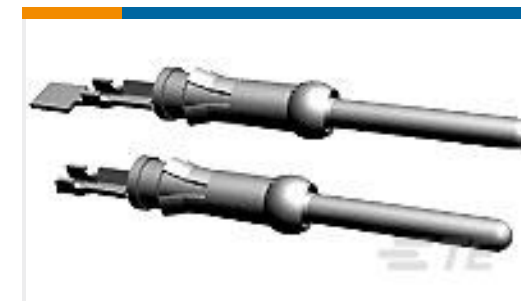
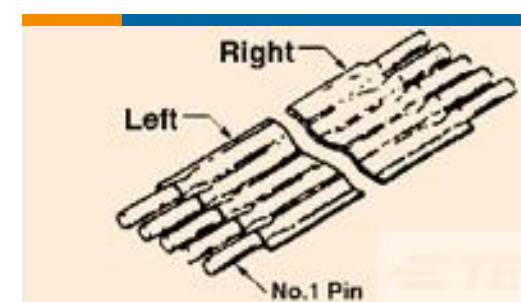
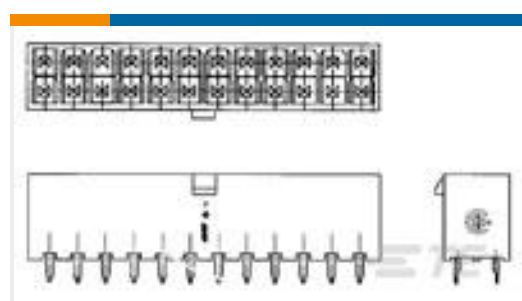
Power Contacts(6)



Sealing Sleeves(2)

Unscreened Circular Connector  
Backshells & Clamps(5)

## Customers Also Bought

TE Part #213729-9  
CPC RECPT ASSEMBLY SIZE 17-14TE Part #640457-3  
03P MTA100 HDR ASSY SQ R/A F/LTE Part #640456-4  
04P MTA100 HDR ASSY F/L SQ STRTE Part #66400-3  
III+ PIN,24-20,15AU/FL,LPTE Part #4-1622825-7  
RL73K 3A R33 5% 4K RLTE Part #5-534237-6  
08 MODII VRT SR CE 100/115TE Part #6-5179232-0  
0.8FH,R09H.5,200,08/Sn,TU,SCTE Part #7-6474640-6  
FSN-23ATE Part #1-1586037-8  
18P VERT HDR VAL-U-LOK V2TE Part #A77951-000  
WP-064064-25-9

## Documents

### Product Drawings

[CPC RCPT ASSY,SZ 17-14,W/INSRT](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_213729-6\\_L.2d\\_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_213729-6\\_L.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_213729-6\\_L.3d\\_stp.zip](#)

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

[Application Specification](#)

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