

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

[View on TE.com >](#)



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
Number of Signal Positions	14

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features



Reverse Gender	Yes
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Contact Type	Socket
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Termination Features

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

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

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

Assembly Length	36.02 mm[1.418 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	Signal
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Shielded	No
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	24
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Packaging Method	Tray
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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
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	<p>Current ECHA Candidate List: JUNE 2023 (235)</p> <p>Candidate List Declared Against: JUNE 2023 (235)</p> <p>SVHC > Threshold:</p> <p>Pb (3.7% in Component Part)</p> <p>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.</p>
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



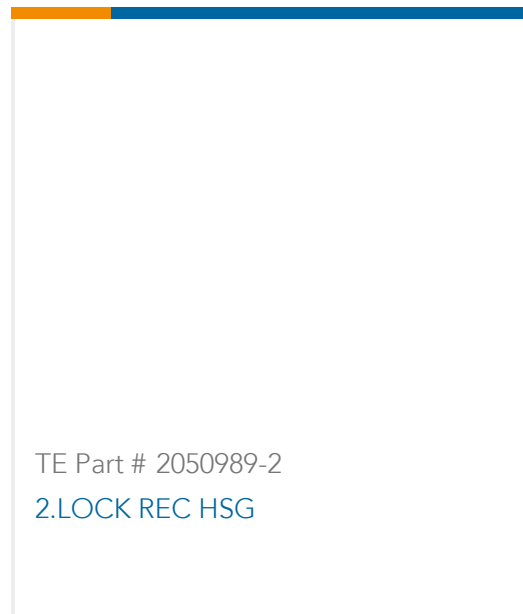
TE Part # CAT-AM71-C83998B
CPC Cable Clamps



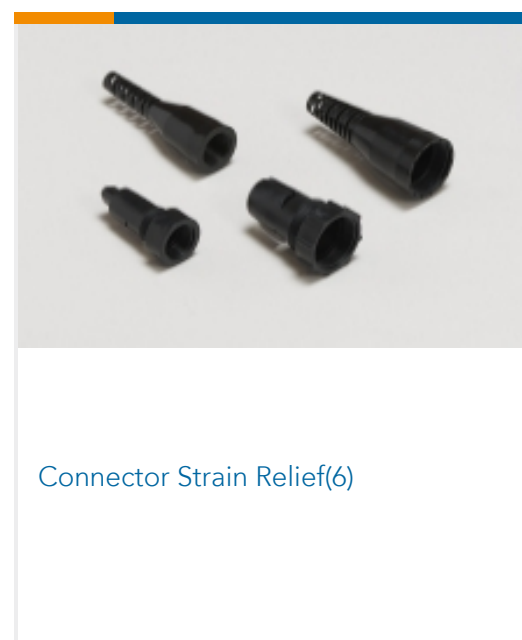
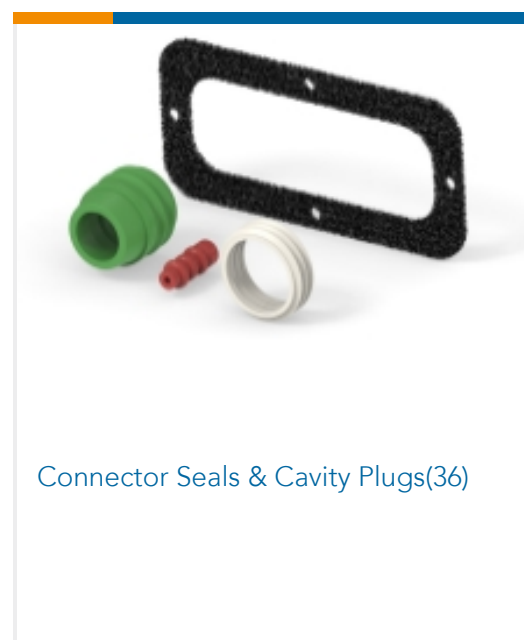
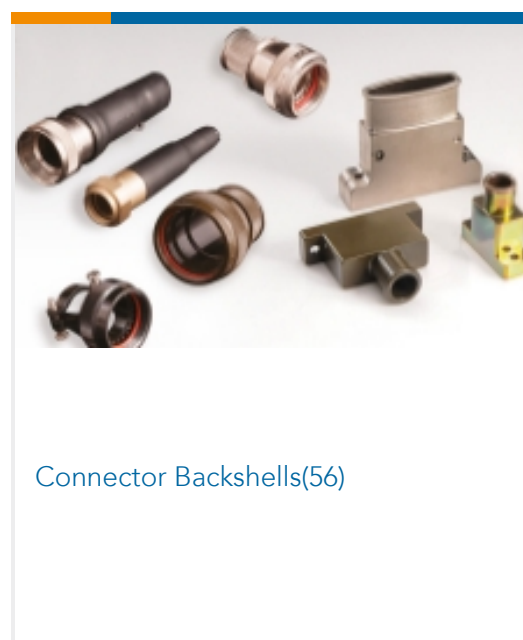
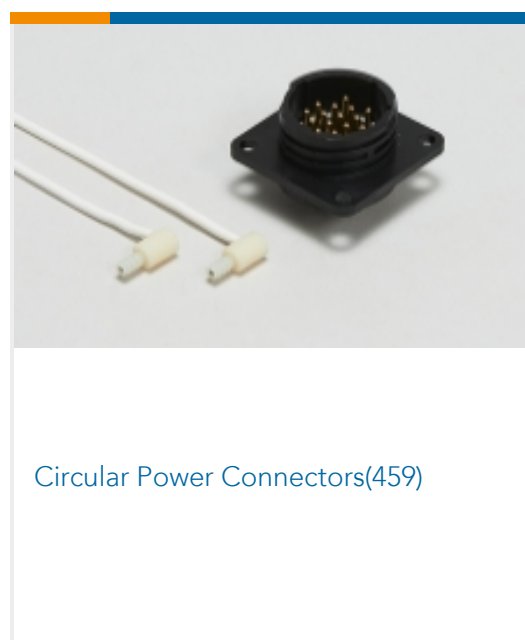
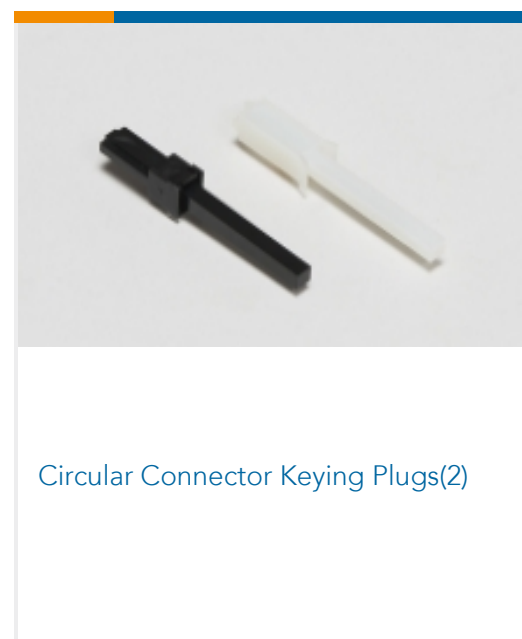
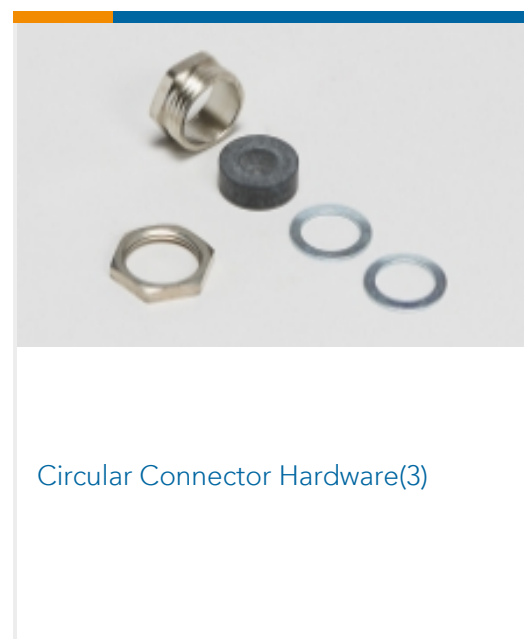
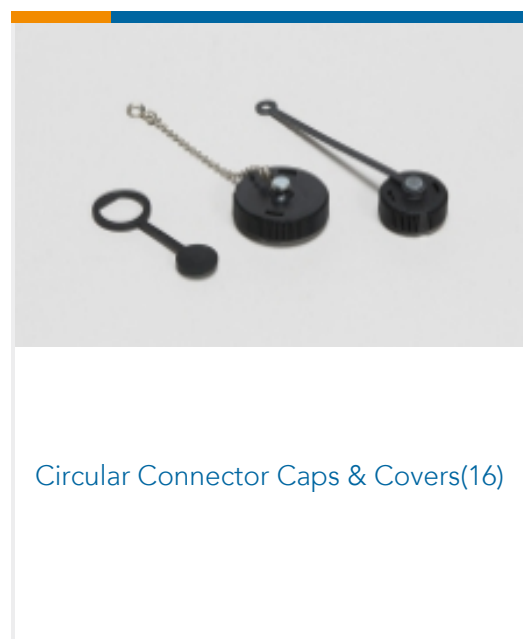
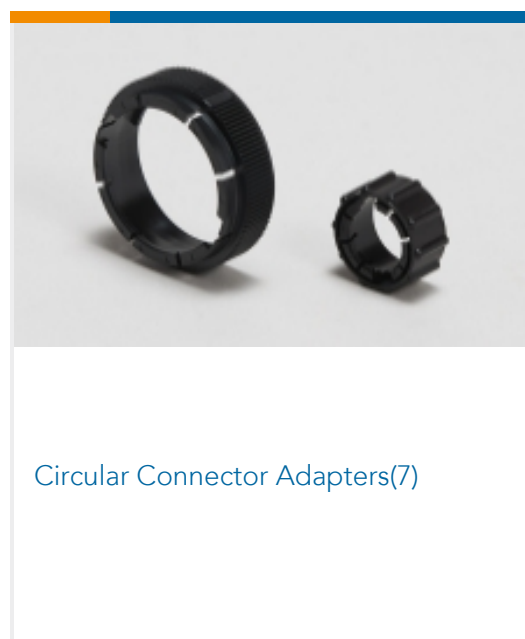
TE Part # 206044-1
CPC PLUG ASSEMBLY SIZE 17-14

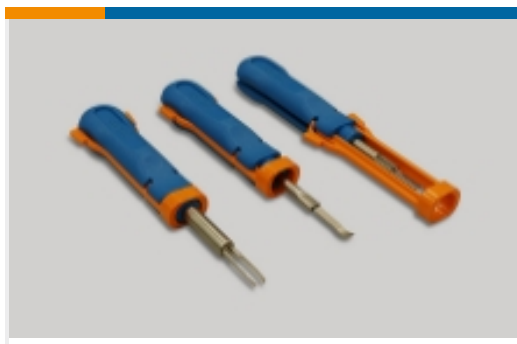


TE Part # 207241-1
CABLE BOOT, SZ 17, CPC

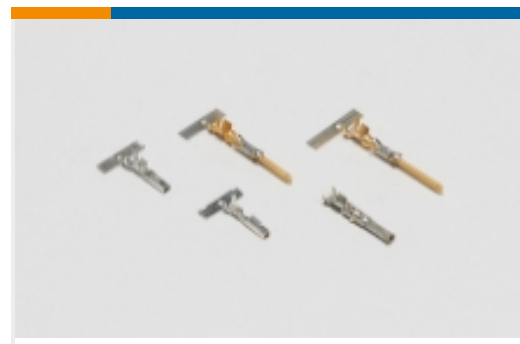


Also in the Series | AMP CPC

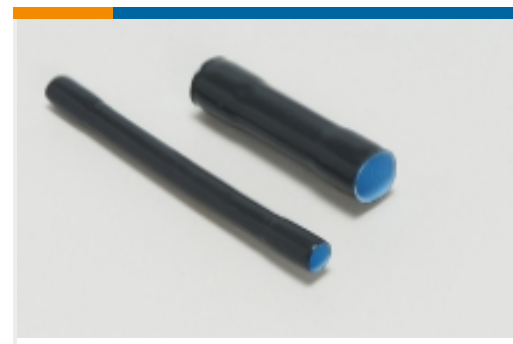




Insertion & Extraction Tools(1)

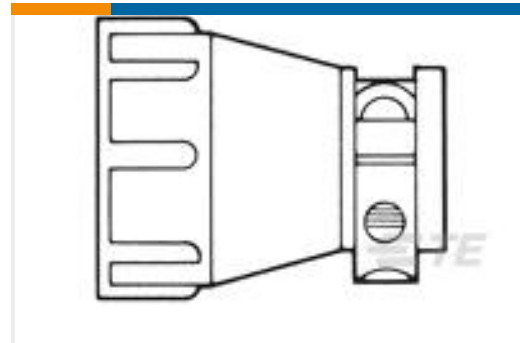
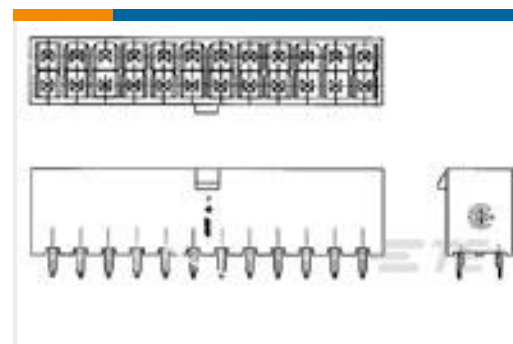


Power Contacts(6)



Sealing Sleeves(2)

Customers Also Bought

TE Part #213729-9
CPC RECPT ASSEMBLY SIZE 17-14TE Part #1-206070-0
CABLE CLAMP KIT, BULK PKGTE Part #66101-4
Pin and Socket Contacts, Type III, LPTE Part #640457-3
03P MTA100 HDR ASSY SQ R/A F/LTE Part #640456-4
04P MTA100 HDR ASSY F/L SQ STRTE Part #4-1622825-7
RL73K 3A R33 5% 4K RLTE Part #1-1586037-8
18P VERT HDR VAL-U-LOK V2TE Part #5-534237-6
08 MODII VRT SR CE 100/115TE Part #A77951-000
WP-064064-25-9

Documents

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

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

Agency Approvals

[CSA Certificate](#)

English