

1-796375-1 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 1-796375-1

Circular Power Connectors, Connector Assembly, 250 VDC, Wire-to-Board / Wire-to-Panel, 9 Position, Receptacle, Pin, Signal, Black, 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: **9**

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	9
Number of Power Positions	0
Number of Signal Positions	9

### Electrical Characteristics

Operating Voltage	250 VAC
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### Contact Features

Reverse Gender	No
Contact Type	Pin

### 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 Mounting Holes
Mating Retention Type	Threaded Coupling
Connector Mounting Type	Panel Mount
Mating Retention	With
Panel Mount Feature	With

### Housing Features

Housing Color	Black
Housing Material	PA 6.6
Circular Connector Shell Size	13

### Dimensions

Assembly Length	51.56 mm[2.03 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	16
Packaging Method	Tray

### Product Compliance

[For compliance documentation, visit the product page on 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: JUNE 2023  
(235)

Candidate List Declared Against: JAN 2023  
(233)

Does not contain REACH SVHC

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>

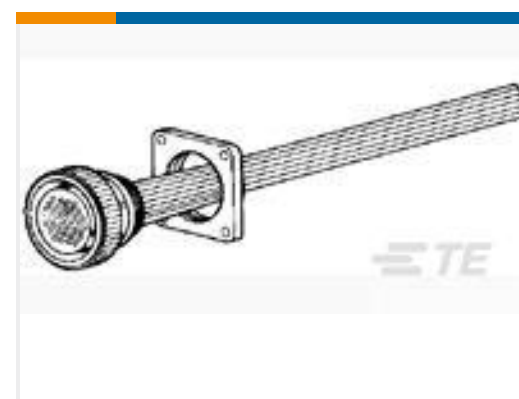
## Compatible Parts



TE Part # CAT-AM71-C83998B  
CPC Cable Clamps



TE Part # 206708-1  
CPC PLUG ASSEMBLY SIZE 13-9



TE Part # 207299-2  
FLANGE PLUG MOUNT CPC



TE Part # 2-2407269-4  
CAP, CPC, SIZE 13 RECP, YELLOW



TE Part # 2-2407269-3  
CAP, CPC, SIZE 13 RECP, RED

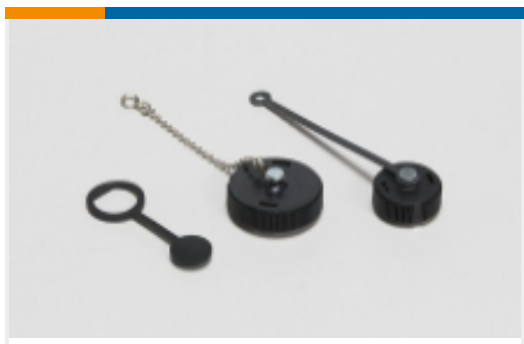


TE Part # 2-2407269-2  
CAP, CPC, SIZE 13 RECP, BLACK

Also in the Series | **AMP CPC**



Circular Connector Adapters(7)



Circular Connector Caps & Covers(16)



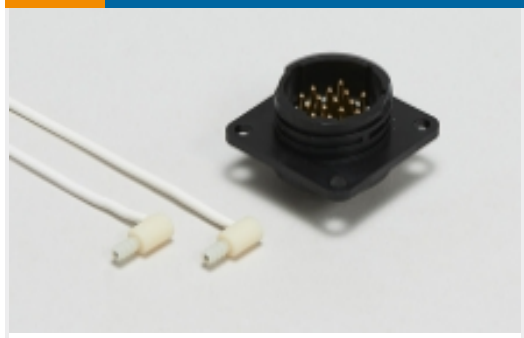
Circular Connector Hardware(3)



Circular Connector Keying Plugs(2)



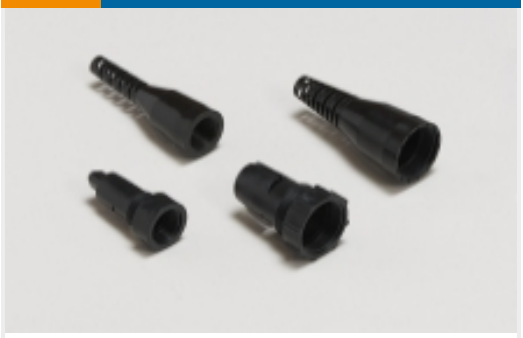
Circular Connector Seals(36)



Circular Power Connectors(459)



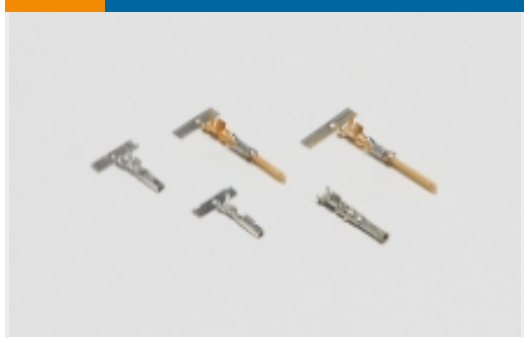
Connector Backshells(56)



Connector Strain Relief(6)



Insertion & Extraction Tools(1)



Power Contacts(6)



Sealing Sleeves(2)

## Customers Also Bought



TE Part #5747842-6  
25 MSFL PLUG RA 318 (SL,FM,BL)



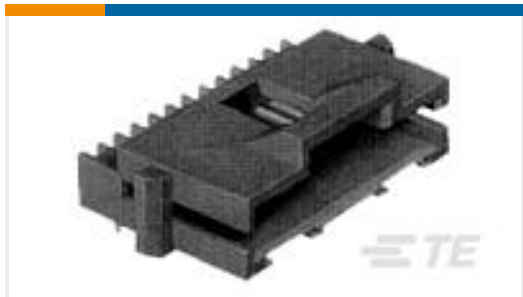
TE Part #7-2176070-7  
3521 15K 1% 2W



TE Part #292175-6  
CT BOX HDR V SMT 6P O/TAPE NAT



TE Part #D369-R99-NP1  
369 9 WAY REC, CRIMP, PIN



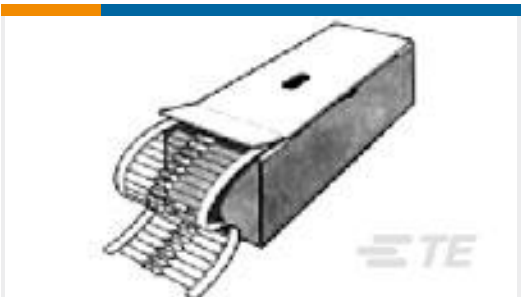
TE Part #5-104074-1  
10 SYSTEM 50 HDR SRRA SHRD SN



TE Part #5406721-1  
MJ,RJ45,SMT,GRAY,22" REEL



TE Part #1-794607-1  
MICRO MNL RPT CNT STRP 15AU LF



TE Part #2176082-4  
EP 3W (S) 33R 5%





TE Part #1-1513472-5  
UAM ASSEMBLY 270MM CABLE W  
/MHF4L CONN



TE Part #1-530652-4  
CONTACT LOW PRO 30AU/100SN

## Documents

### CAD Files

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_1-796375-1\\_F.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1-796375-1\\_F.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1-796375-1\\_F.3d\\_stp.zip](#)

English

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

### Product Specifications

#### Application Specification

English

### Product Environmental Compliance

#### Product Compliance

English

#### Product Compliance

English