

213854-4 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 213854-4

Circular Power Connectors, Connector Assembly, 250 VDC, Wire-to-Board / Wire-to-Panel, 37 Position, Receptacle, Pin, Signal, Black, AMP CPC

[View on TE.com >](#)



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC**

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

Number of Positions: **37**

Sealable: **No**

## 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	37
Number of Power Positions	0
Number of Signal Positions	37

### 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
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Mating Alignment

With

Panel Mount Feature Type

Flange with Mounting Holes

Mating Retention Type

Threaded Coupling

Polarization Code

B

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

23

**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

**Packaging Features**

Packaging Quantity

21

Packaging Method

Tray

**Product Compliance**For compliance documentation, visit the product page on [TE.com](http://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: JAN 2024 (240)

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 # 206150-1  
CPC PLUG ASSEMBLY SIZE 23-37

Also in the Series | **AMP CPC**

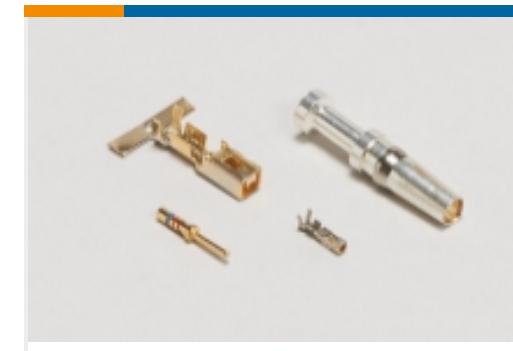
Circular Power Connectors(458)



Connector Backshells(2)



Connector Caps & Covers(16)



Connector Contacts(6)



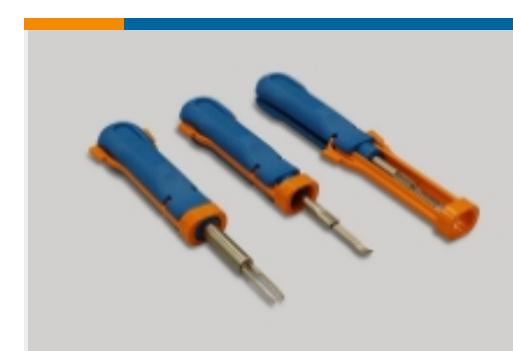
Connector Hardware(12)



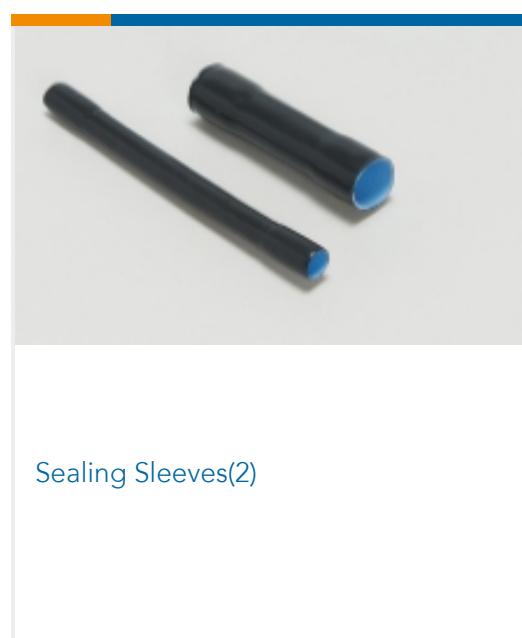
Connector Seals & Cavity Plugs(36)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)



Sealing Sleeves(2)

## Customers Also Bought

TE Part # 1-206455-2  
23-63 SZ CPC PSTD PIN RECPT LFTE Part # 1-207303-3  
CPC RECPT ASSEMBLY SIZE 17-16TE Part # 1-499252-3  
064 STRAIN RELIEF A-L RCPTTE Part # 201578-1  
CONTACT PIN ASSY.TE Part # 745229-7  
20DF PIN CONT L.P.TE Part # 4-794632-2  
12P MICRO MNL ASSY,VRT,HDR,LFTE Part # L9000001-01  
SMA Jack to SMA Jack BulkheadTE Part # EP6604-000  
S01-02-R-CS4531

## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_213854-4\\_J.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_213854-4\\_J.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_213854-4\\_J.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

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**Instruction Sheets**[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English

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**Agency Approvals**[CSA Certificate](#)

English