

1-207825-5 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 1-207825-5

Circular Power Connectors, Connector Assembly, 250 VDC, Wire-to-Panel / Wire-to-Board, 4 Position, Sealable, 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: **4**

Sealable: **Yes**

## Features

### Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board, Wire-to-Panel
Sealable	Yes
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

### Configuration Features

Number of Positions	4
Number of Power Positions	0
Number of Signal Positions	4

### 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	A
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	11

### Dimensions

Assembly Length	39.37 mm[1.55 in]
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### Usage Conditions

Operating Temperature Range	-55 - 105 °C[-67 - 221 °F]
Fluid Resistance	Immersion

### Operation/Application

Circuit Application	Signal
Shielded	No

### Industry Standards

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

Packaging Quantity	27
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: 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 # 206060-2  
CPC PLUG, SZ 11-4, SMALL PACK


## Also in the Series | AMP CPC




Circular Power Connectors(458)



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Contacts(6)



Connector Hardware(12)



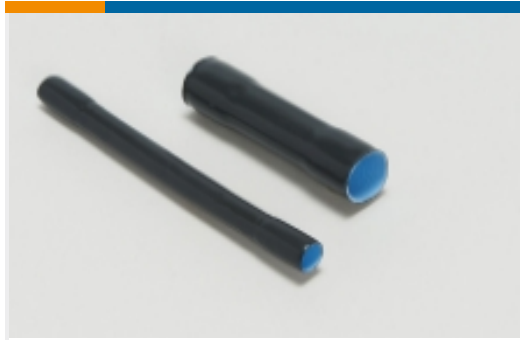
Connector Seals & Cavity Plugs(36)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)



Sealing Sleeves(2)

## Customers Also Bought



TE Part # 2-1879022-5  
SMF3 3K3 5%



TE Part # 5-1624113-4  
3650 0805 0.25uH 5% 2K RL



TE Part # 3-647106-3  
03P MTA-100 HDR ASSY,SM,SN



TE Part # NB16352001  
RW-175-1/4-X-STK



TE Part # 826949-2  
2P MOD2 STIFT LEI



TE Part # 154741-E  
SMCQ 26 F AB VV 7-03 CL \* 0007 137 E002



TE Part # 224514-E  
MSPEED 50 F SMD F8 \* AB VV 137 094 \*\* E



TE Part # 2302317-1  
RA ASSY, 7 Row, Cent DP, MULTIGIG RT 2-S



TE Part # 354079-E  
SMCQ 20 F AB VV 7-03 CL \* 0007 137 E002



TE Part # 054595-E  
SMCB 26 M AB VV 3-03 CLHD \* 0007 137 E00

## Documents



### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-207825-5\\_AG.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-207825-5\\_AG.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-207825-5\\_AG.3d\\_stp.zip](#)

English

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_1-207825-5\\_R1.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1-207825-5\\_R1.3d\\_igs.zip](#)

English

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[ENG\\_CVM\\_1-207825-5\\_R1.3d\\_stp.zip](#)

English

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### Product Specifications

#### Connector, Circular Plastic

English

#### Product Specification

English

### Agency Approvals

#### CSA Certificate

English

#### CSA Certificate

English