

213827-2 ✓ ACTIVE

AMP | AMP CPC

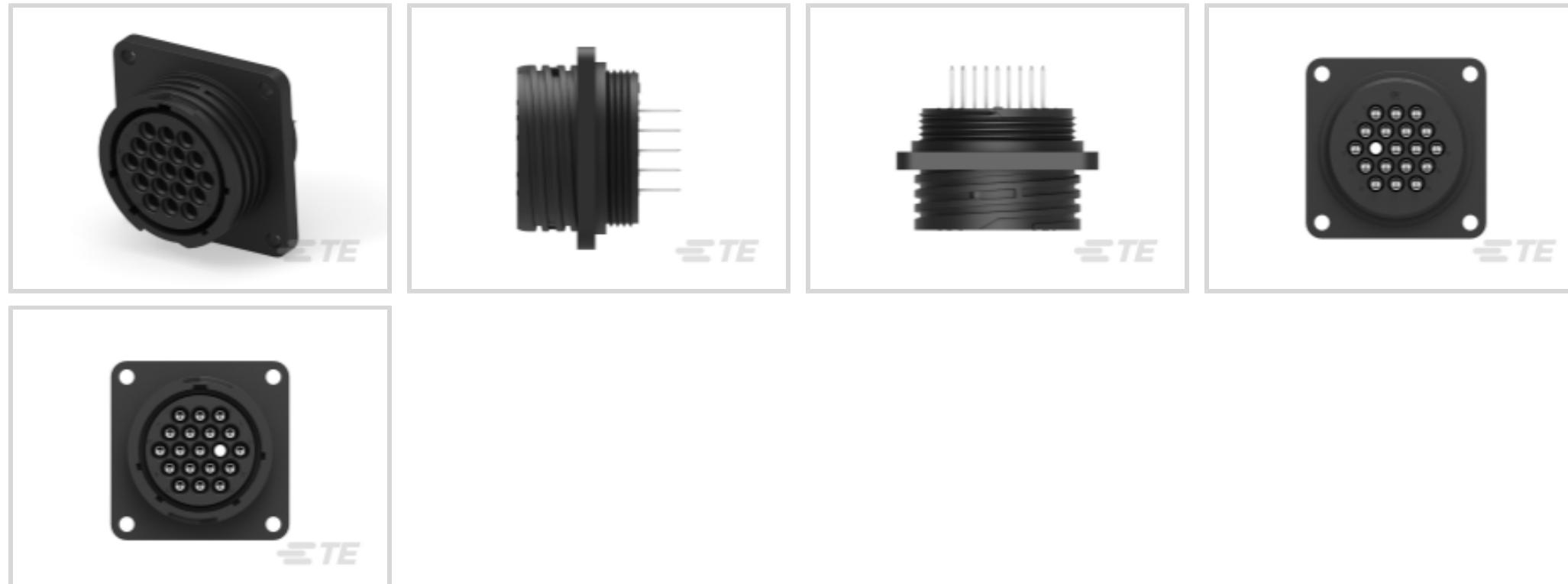
TE Internal #: 213827-2

Circular Power Connectors, Connector Assembly, 250 VDC, Wire-to-Panel / Wire-to-Board, 19 Position, Sealable, Receptacle, Reverse Gender, 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: **19**

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	19
Number of Power Positions	0
Number of Signal Positions	19

### 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

Mating Alignment Type	Keyed
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	23

### 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	Immersion

### Operation/Application

Circuit Application	Signal
Shielded	No

### Industry Standards

UL Flammability Rating	UL 94V-0
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### 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	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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) SVHC > Threshold: Pb (13% in Component Part) <small>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.</small>
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

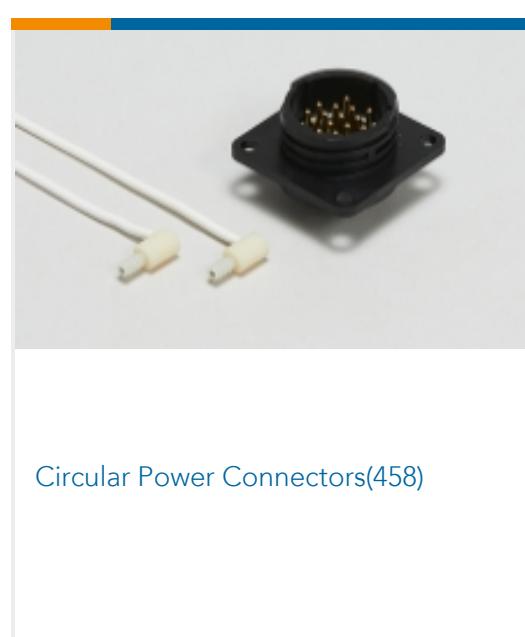
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 213827-8  
CPC 23-19 RECPT ASSY

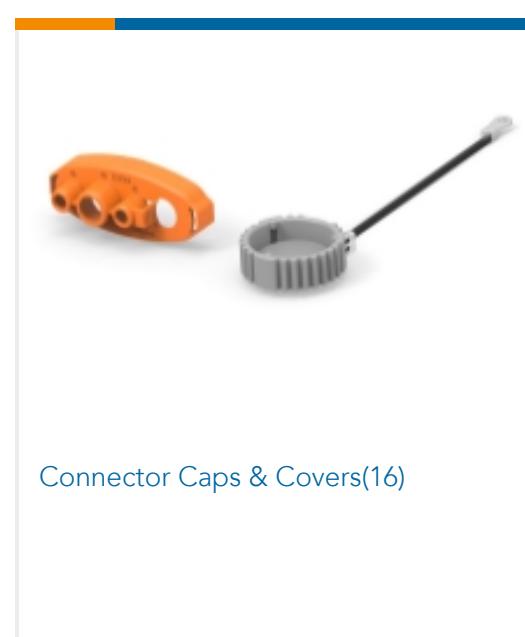
Also in the Series | [AMP CPC](#)



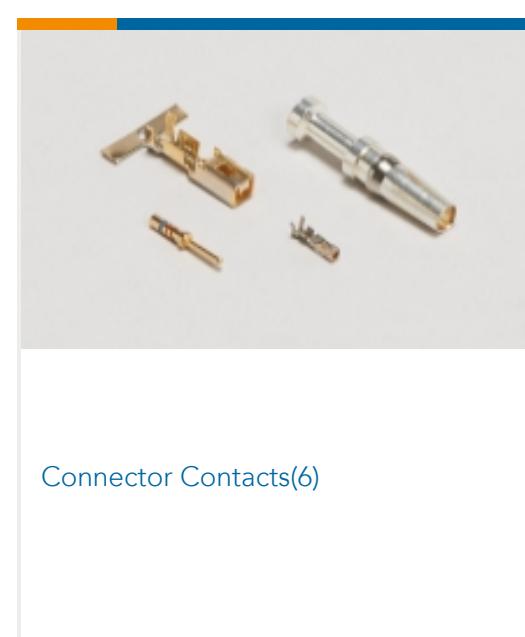
Circular Power Connectors(458)



Connector Backshells(1)



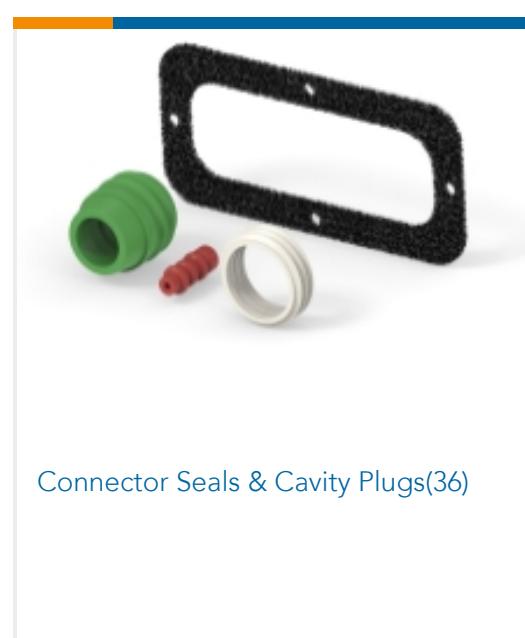
Connector Caps &amp; Covers(16)



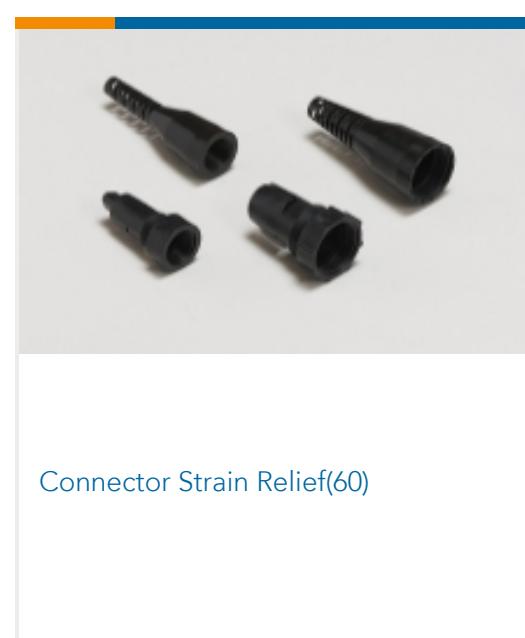
Connector Contacts(6)



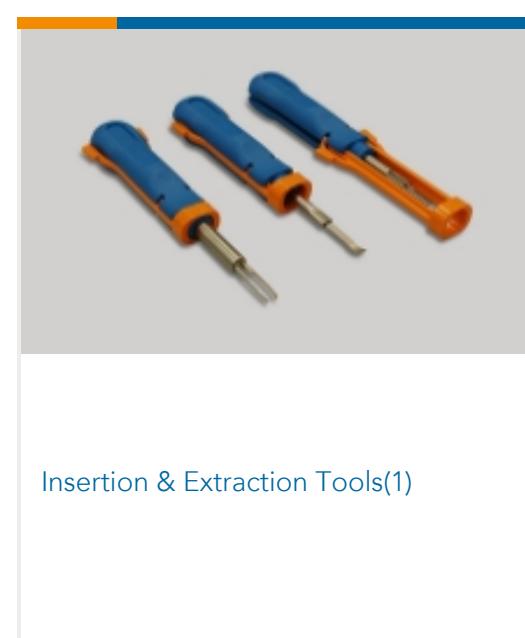
Connector Hardware(12)



Connector Seals &amp; Cavity Plugs(36)



Connector Strain Relief(60)

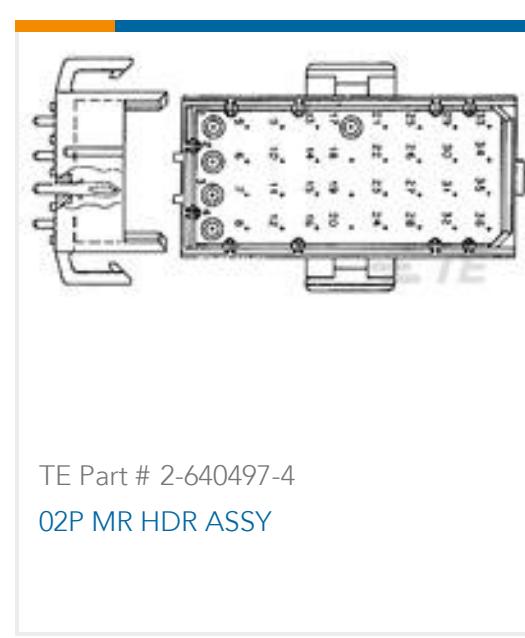


Insertion &amp; Extraction Tools(1)



Sealing Sleeves(2)

## Customers Also Bought

TE Part # 5787683-1  
15 RCPT SP/FMS SCRKLKTE Part # 52934  
TERMINAL,PIDG SPR SPD 16-14 5TE Part # 2-640497-4  
02P MR HDR ASSYTE Part # 1-794067-1  
14P MINI UMNL HDR W/DH AUTE Part # 1-794068-1  
16P MINI UMNL HDR W/DH AU LFTE Part # 1776112-4  
4P,2.60MM,SIDE ENTRY,HIGH TMPTE Part # 5-146276-3  
03 MODII HDR SRST B/A .100CLTE Part # 2-6437158-6  
FSN-12A

## Documents

## Product Drawings

### CPC RCPT ASSY SIZE 23-19

English

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## CAD Files

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_213827-2\\_Y.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_213827-2\\_Y.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_213827-2\\_Y.3d\\_stp.zip](#)

English

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## Product Specifications

### Application Specification

English

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## Agency Approvals

### CSA Certificate

English