

1-796329-1

✓ ACTIVE

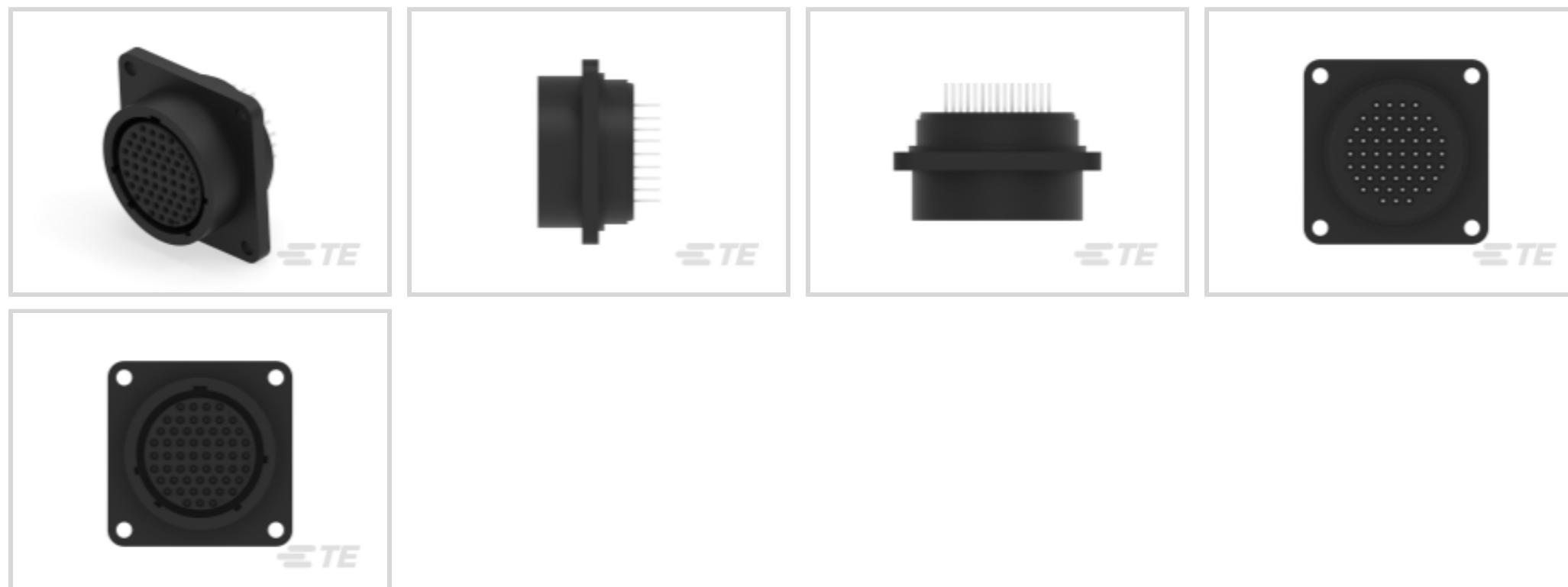
AMP | AMP CPC

TE Internal #: 1-796329-1

Circular Power Connectors, Connector Assembly, 250 VDC, Wire-to-Board / Wire-to-Panel, 57 Position, Receptacle, Reverse Gender, Socket, AMP CPC

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Connectors > Power Connectors > Circular Power > Circular Power Connectors > Connectors with Posted Contacts, CPC Series 2



Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC**

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

Number of Positions: **57**

Sealable: **No**

[All Connectors with Posted Contacts, CPC Series 2 \(4\)](#)

## 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	57
Number of Power Positions	0
Number of Signal Positions	57

### 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
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	29.69 mm[1.169 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	12
Packaging Method	Tray

#### Product Compliance

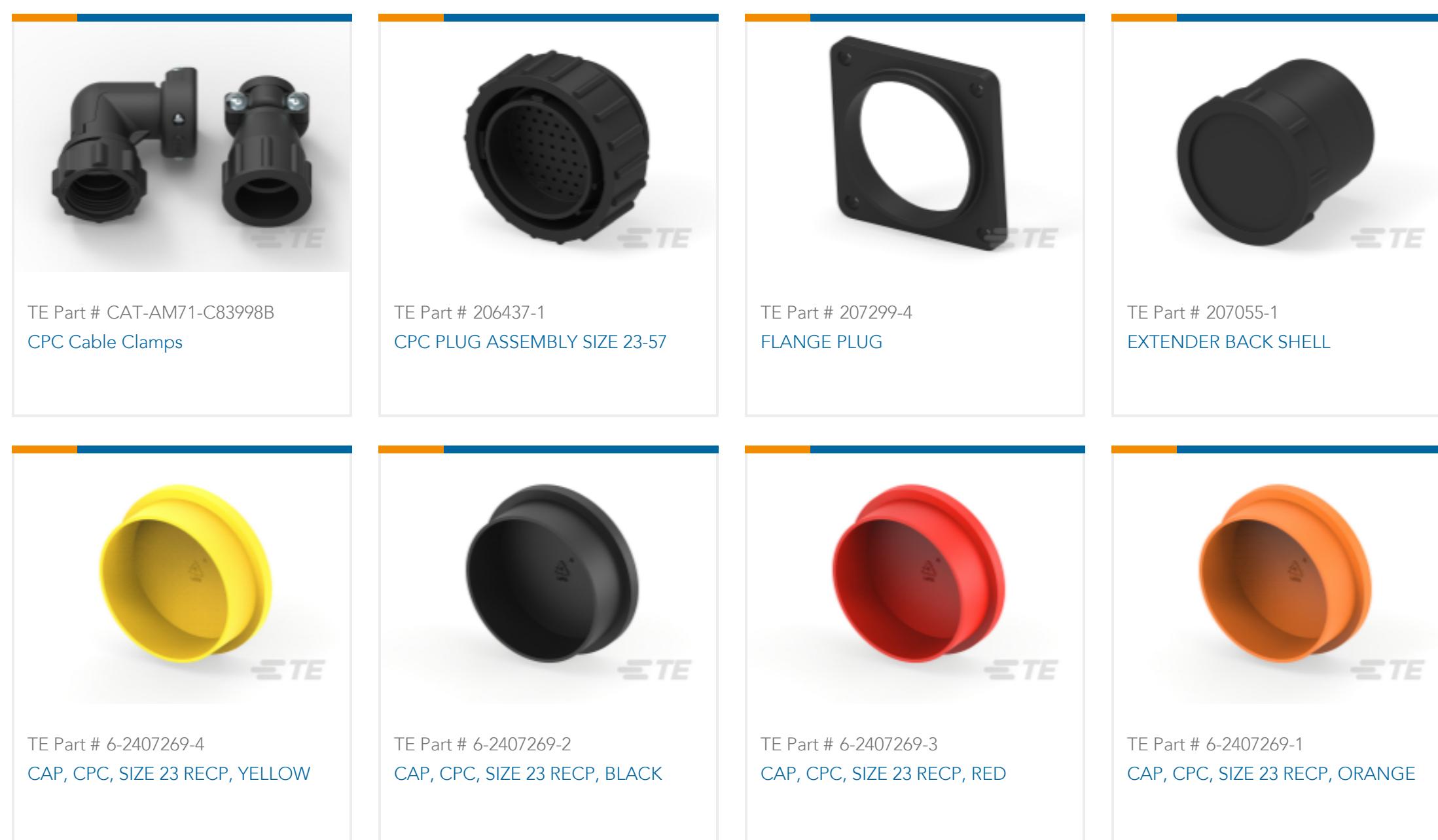
For compliance documentation, visit the product page on [TE.com](http://TE.com)>

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

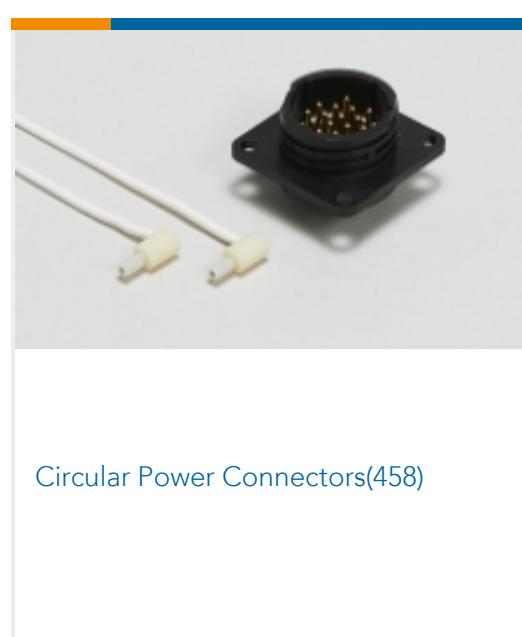
## Product Compliance Disclaimer

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>

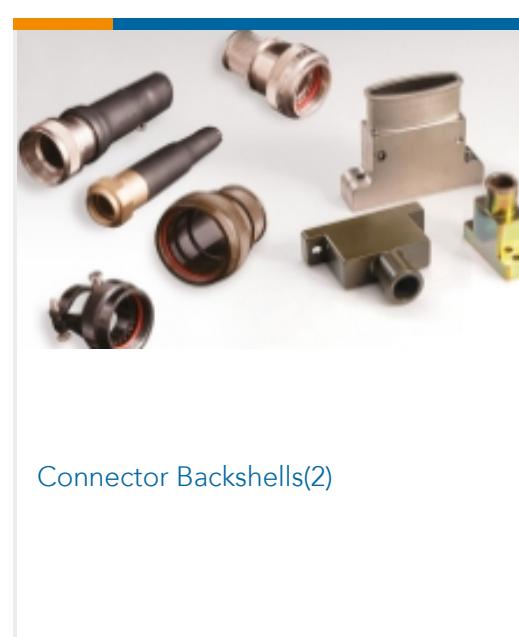
## Compatible Parts



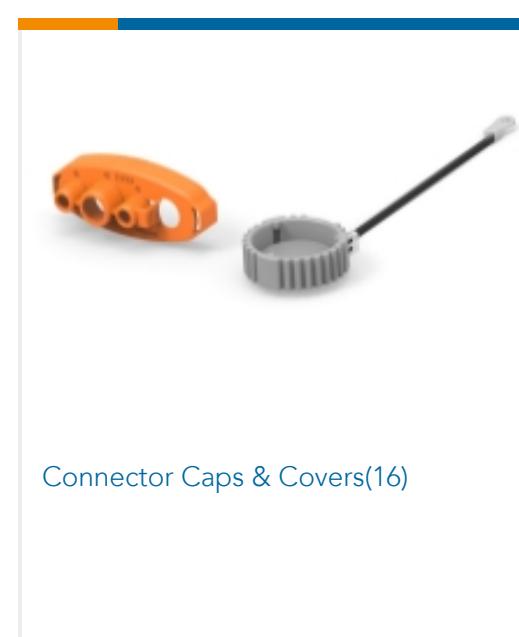
## Also in the Series | AMP CPC



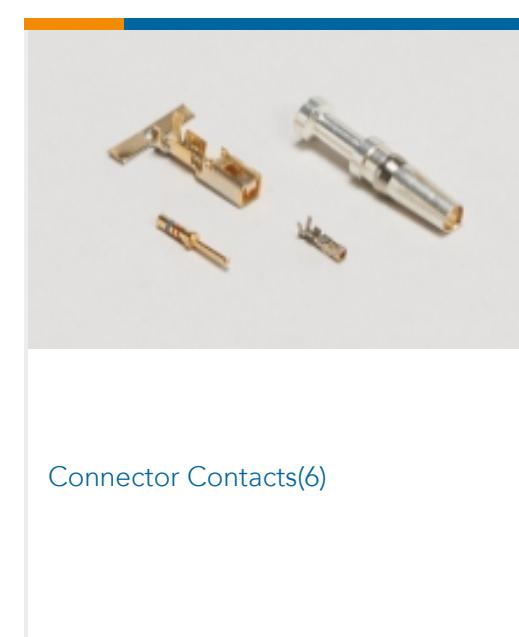
Circular Power Connectors(458)



Connector Backshells(2)



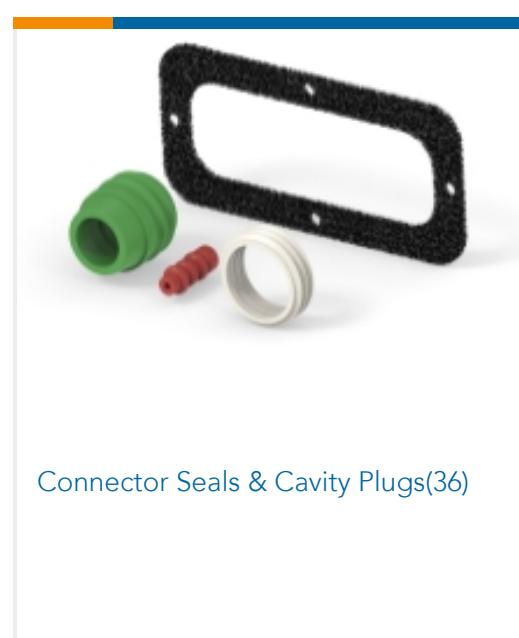
Connector Caps &amp; Covers(16)



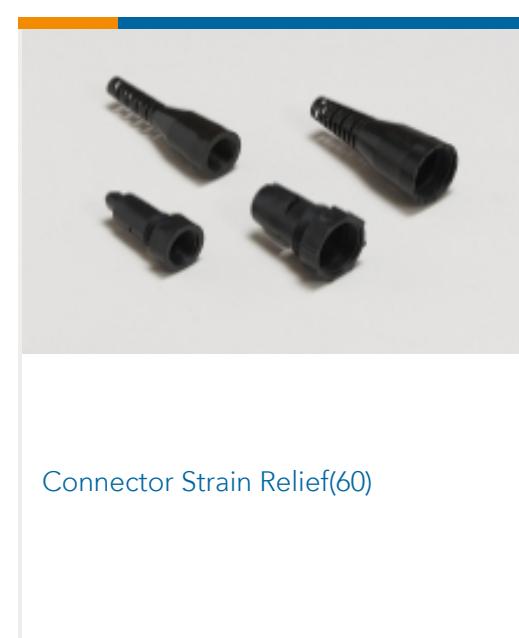
Connector Contacts(6)



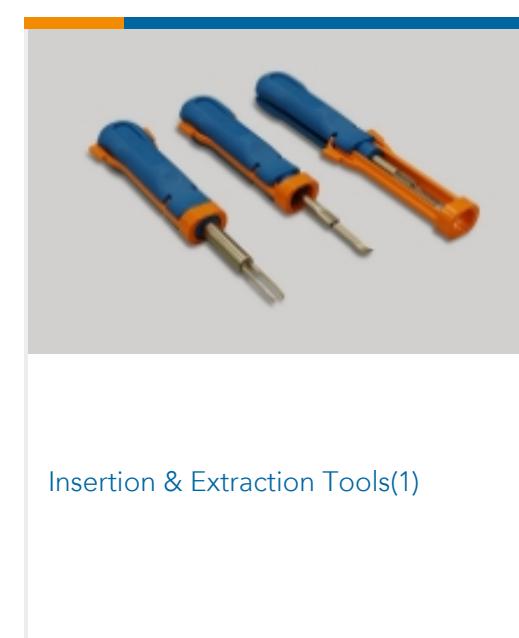
Connector Hardware(12)



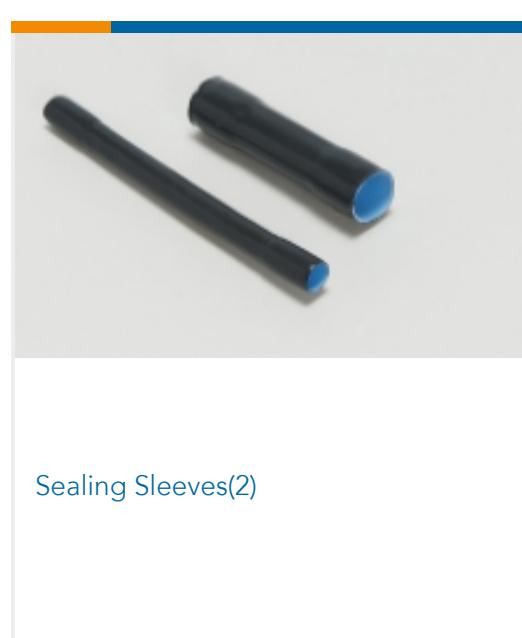
Connector Seals &amp; Cavity Plugs(36)



Connector Strain Relief(60)



Insertion &amp; Extraction Tools(1)



Sealing Sleeves(2)

## Customers Also Bought

TE Part #1-440055-0  
AMP HPI 2.0 mm HeadersTE Part #1-1735447-2  
HPI 2.0 RECEPTACLE HOUSING, 12PTE Part #796636-5  
SPOS 5.08MM CE VRT HDR,TRM BLKTE Part #5053022021  
RNF-100-1/8-6-STKTE Part #5536412-4  
ASSY,RECEPT,EURO,TYPE C,LEAD-FREE,96,.18TE Part #226335-000  
CTA-0166TE Part #450213-000  
CTA-0165

## Documents

**CAD Files****3D PDF**

English

**Customer View Model**[ENG\\_CVM\\_1-796329-1\\_F.2d\\_dxf.zip](#)

English

**Customer View Model**[ENG\\_CVM\\_1-796329-1\\_F.3d\\_igs.zip](#)

English

**Customer View Model**[ENG\\_CVM\\_1-796329-1\\_F.3d\\_stp.zip](#)

English

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

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**Datasheets & Catalog Pages****AMP Circular Connectors for Commercial Signal & Power Applications**

English

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**Product Specifications****Application Specification**

English

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**Instruction Sheets****Instruction Sheet (U.S.)**

English