

206433-3 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 206433-3

8 Position Circular Power Connector, Housing, 250 VDC, Wire-to-Panel, Wire & Cable, Receptacle, Reverse Gender, Socket, Signal, Black, AMP CPC

[View on TE.com >](#)



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 8

Connector Product Type: Housing

Operating Voltage: 250 VDC

Connector System: Wire-to-Panel

Sealable: No

## Features

### Dimensions

Compatible Insulation Diameter Range	1.73 mm[.068 in]
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### Packaging Features

Packaging Quantity	100
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Packaging Method	Standard
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### Mechanical Attachment

Mating Retention Type	Threaded Coupling
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Thread Size	5/8-24 UNEF-2A
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Panel Mount Feature Type	Flange with Threaded Inserts
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Mating Alignment Type	Keyed
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Mating Alignment	With
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Connector Mounting Type	Panel Mount
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Mating Retention	With
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Panel Mount Feature	With
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### Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	11

#### Configuration Features

Reverse Numbering	Without
Number of Positions	8
Number of Power Positions	0
Number of Signal Positions	8

#### Product Type Features

Connector Product Type	Housing
Connector System	Wire-to-Panel
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

#### Electrical Characteristics

Operating Voltage	250 VAC
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#### Contact Features

Reverse Gender	Yes
Contact Type	Socket
Contact Current Rating (Max)	7.5 A
Contact Protection	With

#### 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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## Other

EU RoHS Compliance

Compliant with Exemptions

EU ELV Compliance

Compliant with Exemptions

## Product Compliance

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

EU RoHS Directive 2011/65/EU

Compliant with Exemptions

EU ELV Directive 2000/53/EC

Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2024 (241)

Candidate List Declared Against: JUNE 2024 (241)

SVHC > Threshold:  
Pb (3.7% in Component Part)

## 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.

Halogen Content

BFR/CFR/PVC Free, but Br/Cl &gt;900 ppm in other sources.

Solder Process Capability

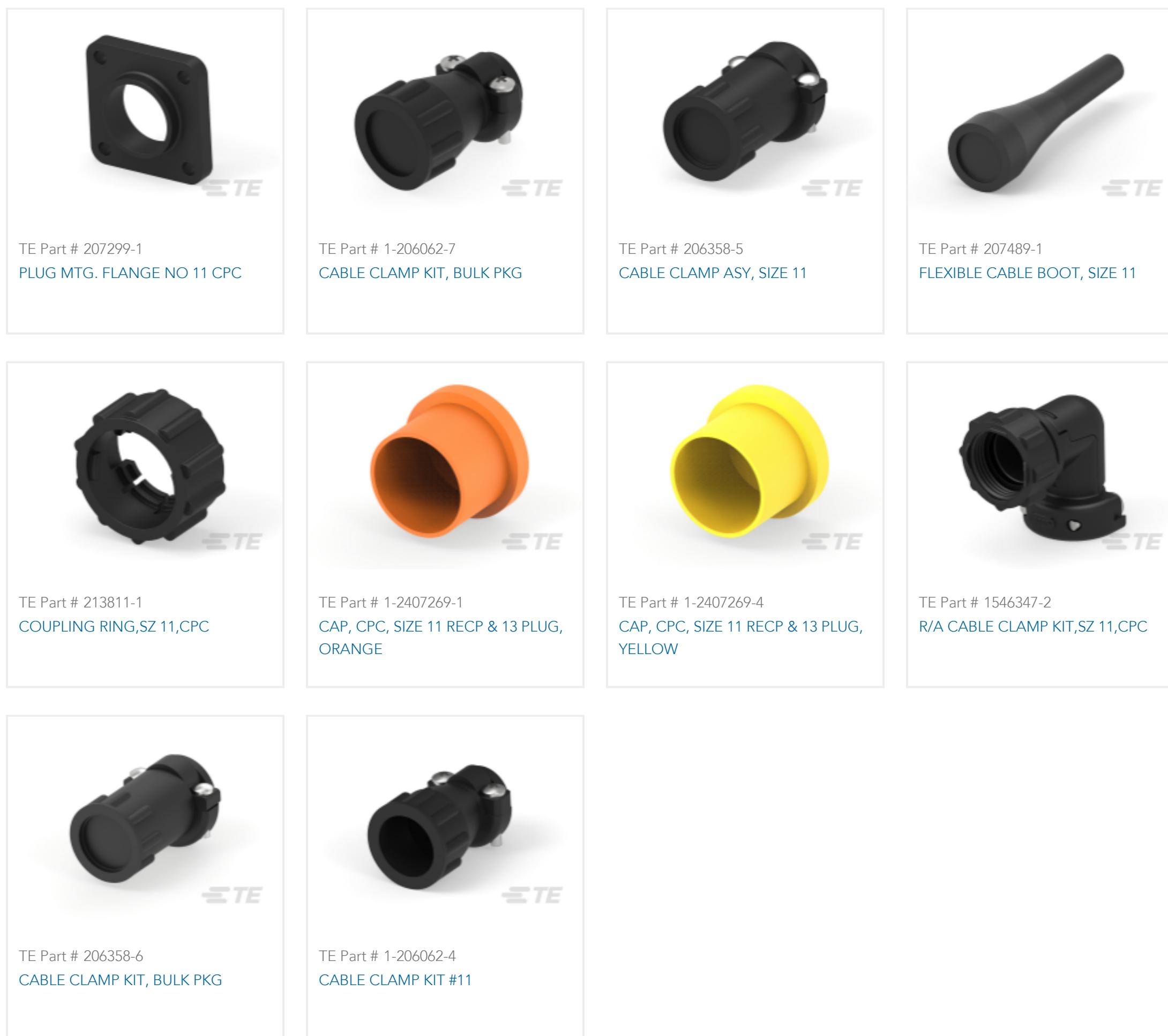
Not applicable for solder process capability

## Product Compliance Disclaimer

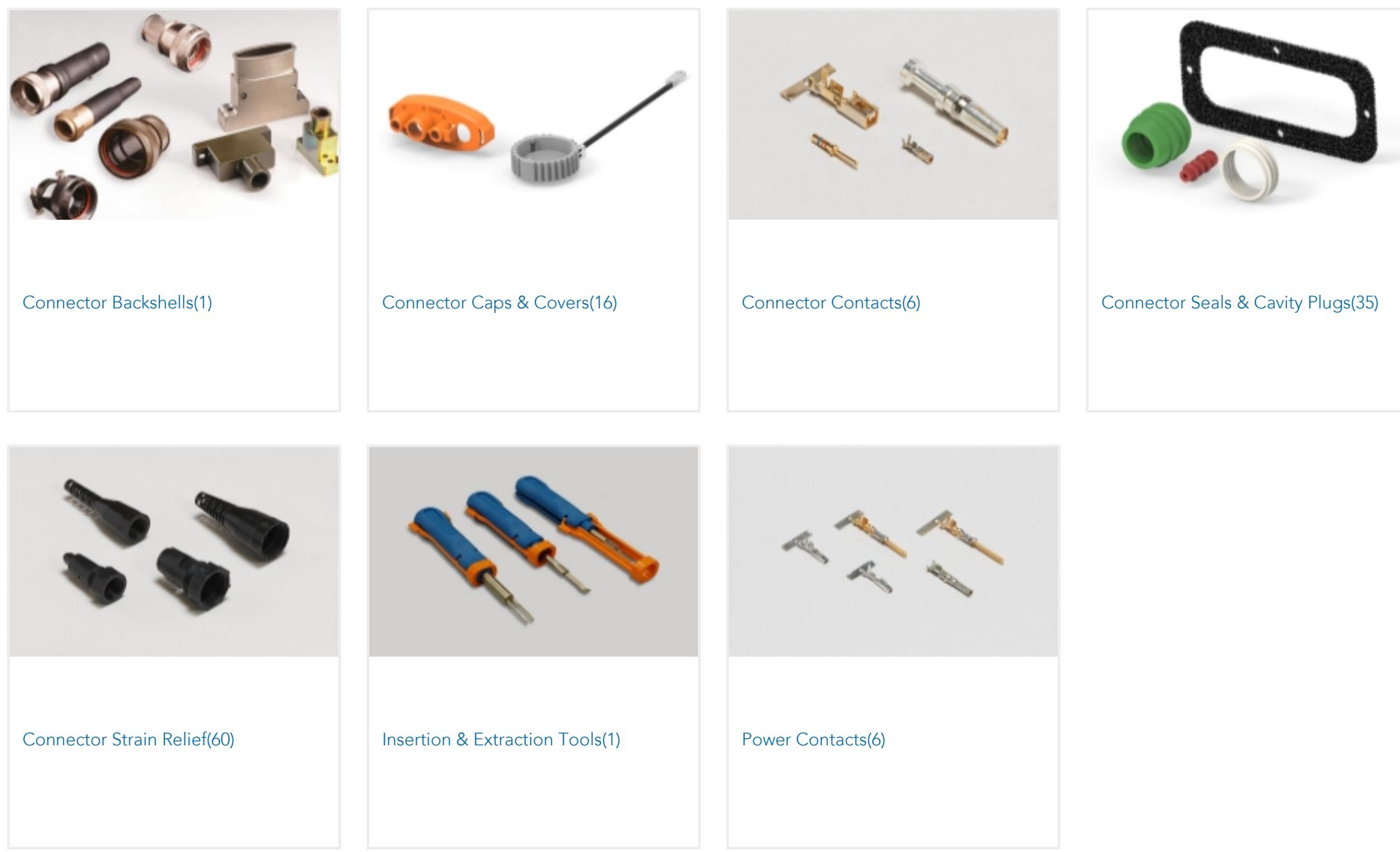
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

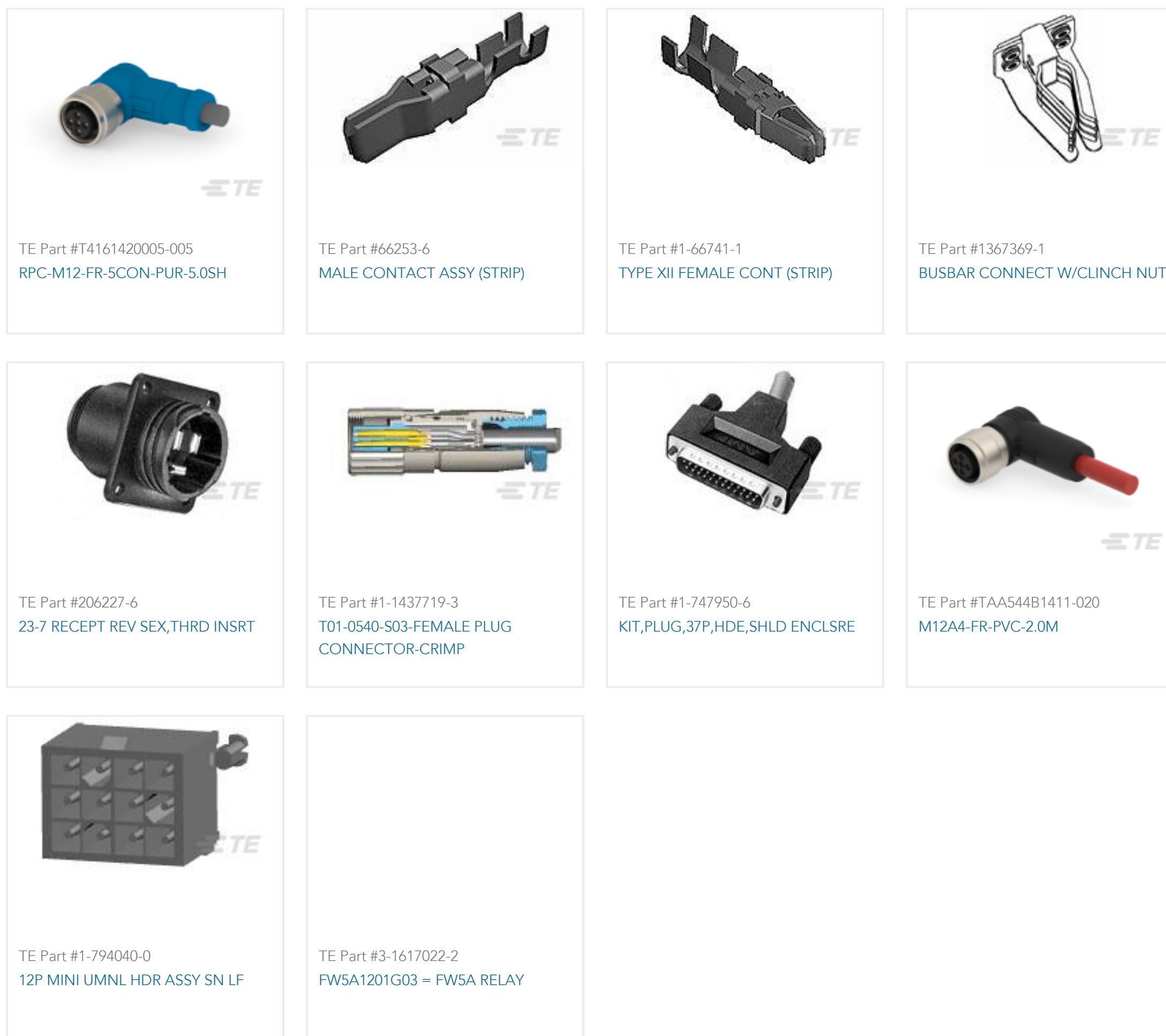




## Also in the Series | AMP CPC



## Customers Also Bought



## Documents

### Product Drawings

#### CPC RECPT ASSEMBLY SIZE 11-8

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_206433-3\\_U.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_206433-3\\_U.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_206433-3\\_U.3d\\_stp.zip](#)

English

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

### Agency Approvals

[\*\*CSA Certificate\*\*](#)

English

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English