

796466-1

✓ ACTIVE

AMP | AMP CPC

TE Internal #: 796466-1

16 Position Circular Power Connector, Housing, 600 VDC, Wire-to-Wire, Sealable, Wire & Cable, Receptacle, Pin, Power & Signal, Black, AMP CPC

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Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: **16**

Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

Connector System: **Wire-to-Wire**

Sealable: **Yes**

Features

Packaging Features

Packaging Quantity	20
Packaging Method	Package

Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	1-3/8 - 18 UNEF-2A
Polarization Code	A
Panel Mount Feature Type	Flange with Mounting Holes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount
Mating Retention	With
Panel Mount Feature	With

Industry Standards

CSA Rating	Not Certified
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UL Flammability Rating UL 94V-0

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Nylon
Circular Connector Shell Size	23

Product Type Features

Connector Seal & Plug Type	Peripheral, Wire Entry Seal
Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

Reverse Numbering	With
Number of Positions	16
Number of Power Positions	4
Number of Signal Positions	12

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
Contact Type	Pin
Contact Protection	With

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
Shielded	No

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	<p>Current ECHA Candidate List: JUNE 2024 (241)</p> <p>Candidate List Declared Against: JUNE 2024 (241)</p> <p>SVHC > Threshold:</p> <ul style="list-style-type: none"> Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) <p><small>Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</small></p>
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

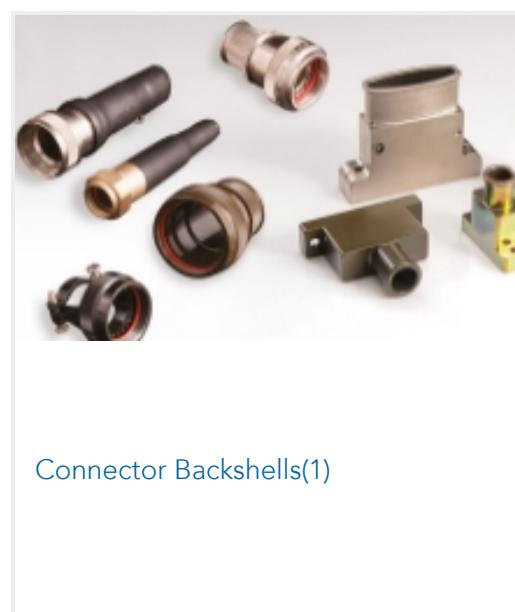
Product Compliance Disclaimer

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>

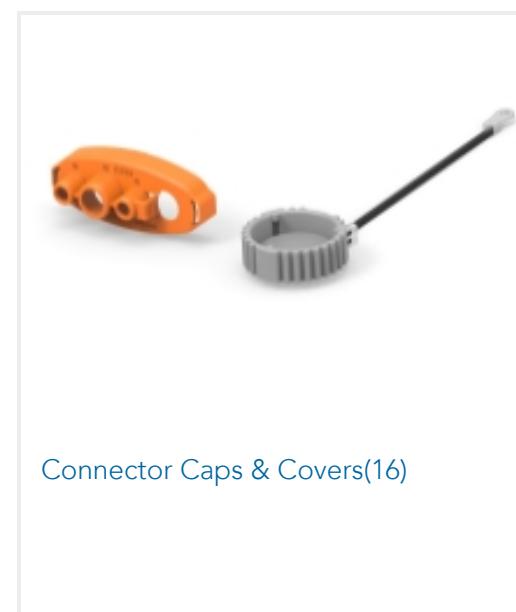
Compatible Parts

TE Part # 6-2407269-2
CAP, CPC, SIZE 23 RECP, BLACKTE Part # 6-2407269-1
CAP, CPC, SIZE 23 RECP, ORANGETE Part # 6-2407269-3
CAP, CPC, SIZE 23 RECP, REDTE Part # 6-2407269-4
CAP, CPC, SIZE 23 RECP, YELLOWTE Part # 796203-1
SLD CPC PLUG ASSY,23-16,STD SX

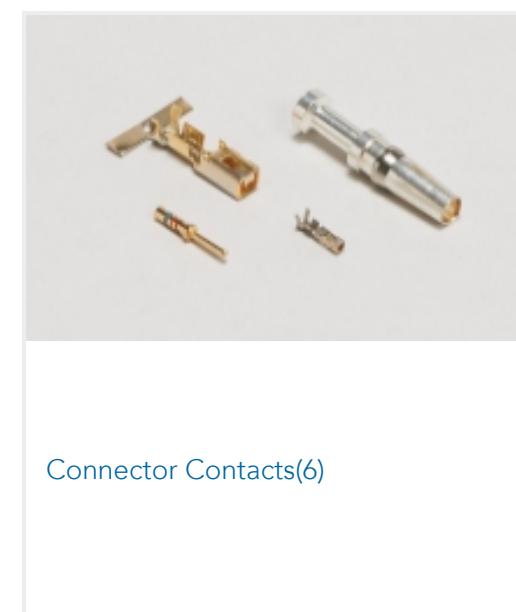
Also in the Series | AMP CPC



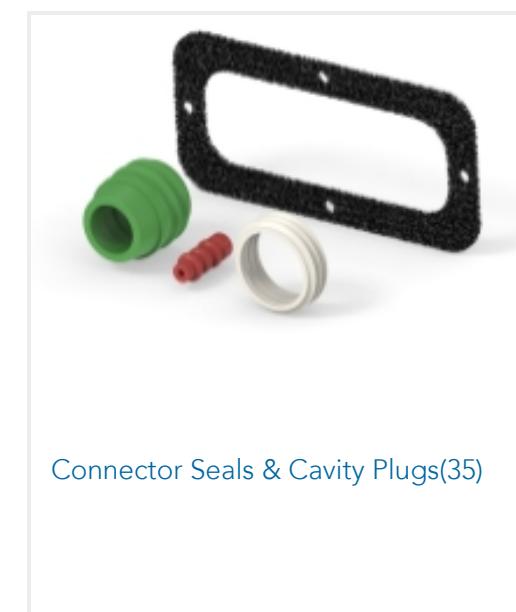
Connector Backshells(1)



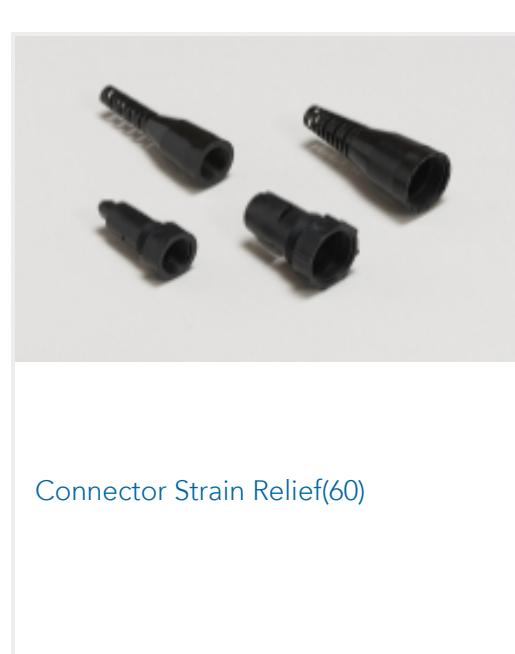
Connector Caps & Covers(16)



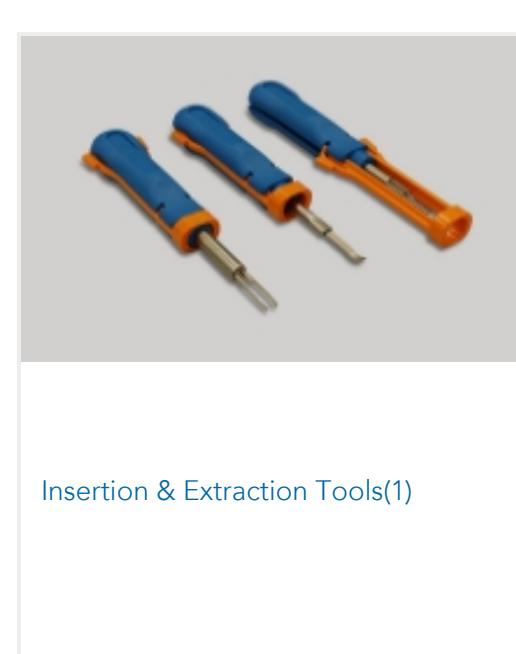
Connector Contacts(6)



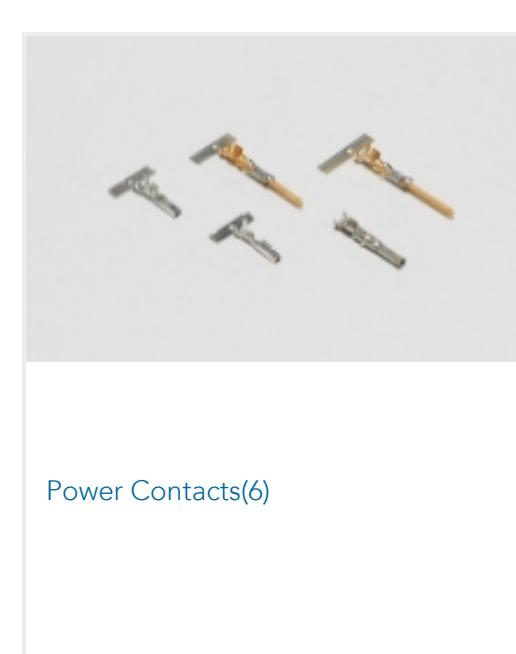
Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



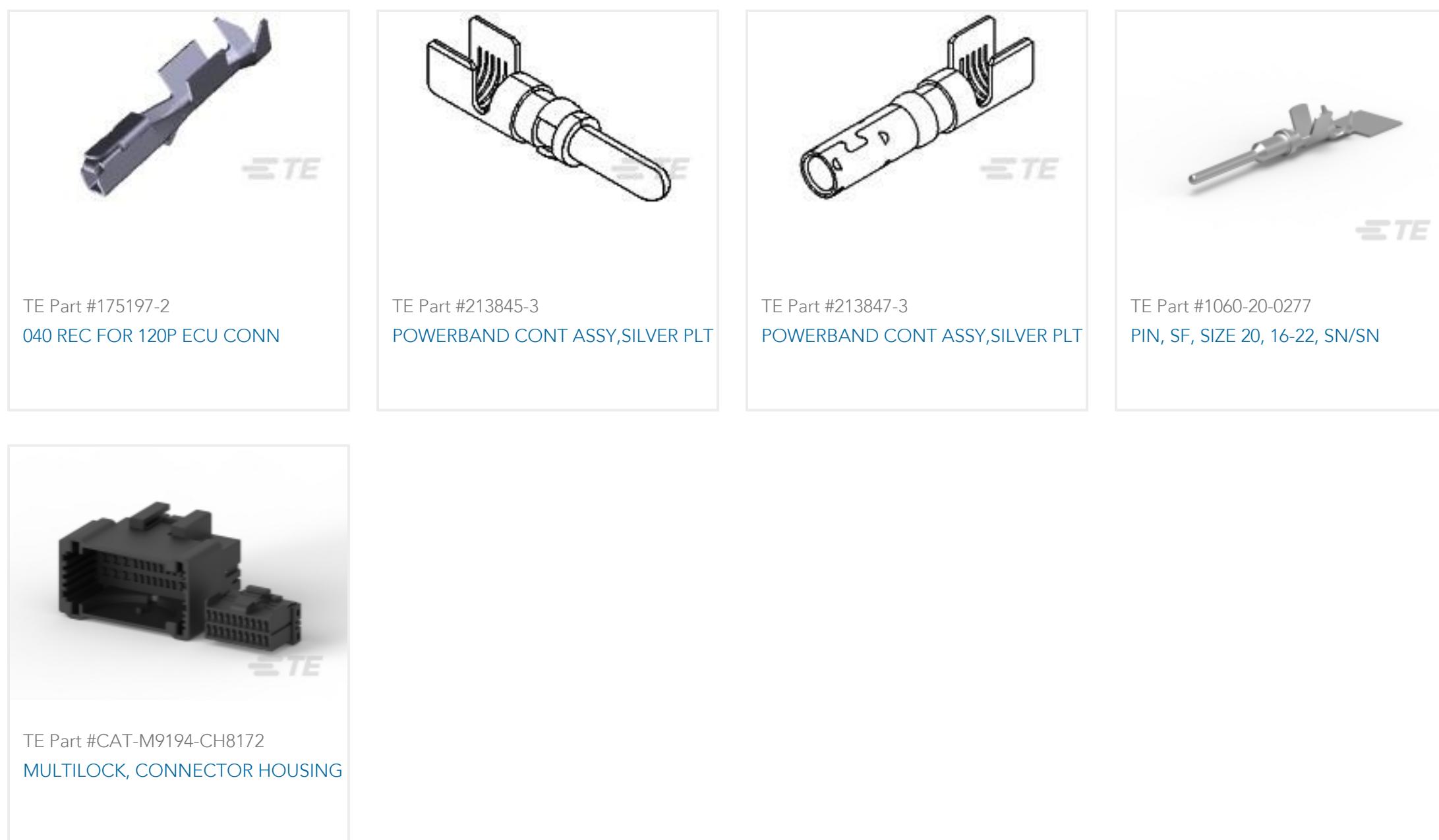
Insertion & Extraction Tools(1)



Power Contacts(6)

Customers Also Bought

TE Part #796286-1
RCPT.ASSY,23-37STD SEX SQ.FLNGTE Part #1-794611-1
MICRO MNL RPT CNT,LS PC,15AU,LTE Part #213843-2
POWERBAND SKT ASY,8-10,STRIPTE Part #213841-4
PWRBAND PIN CNT ASSY,8-10,L.P.



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_796466-1_H.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_796466-1_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_796466-1_H.3d_stp.zip](#)

English

[3D PDF](#)

English

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[ENG_CVM_796466-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_796466-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_796466-1_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

Product Specifications

Product Specification

English