

206150-3 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 206150-3

37 Position Circular Power Connector, Housing, 600 VDC, Wire-to-Wire, Wire & Cable, Plug, Socket, Power & Signal, Black, All Plastic, AMP CPC

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Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 37

Connector Product Type: Housing

Operating Voltage: 600 VDC

Connector System: Wire-to-Wire

Sealable: No

Features

Packaging Features

Packaging Quantity	100
Packaging Method	Standard

Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	1-3/8 - 18 UNEF-2A
Polarization Code	A
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With
Panel Mount Feature	Without

Housing Features

Body Orientation	Straight
Housing Color	Black

Housing Material	Nylon 6/6 GF
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Circular Connector Shell Size	23
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Configuration Features

Reverse Numbering	Without
Number of Positions	37
Number of Power Positions	0
Number of Signal Positions	37

Product Type Features

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

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
Contact Type	Socket
Contact Protection	With

Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
Fluid Resistance	None

Operation/Application

Circuit Application	Power & Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0
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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	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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

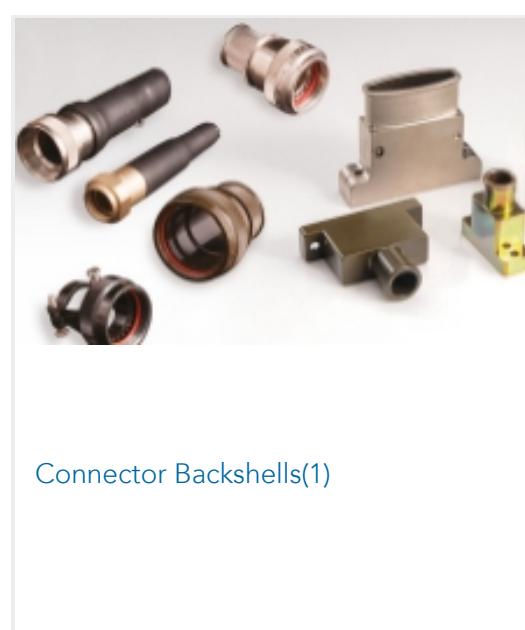
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

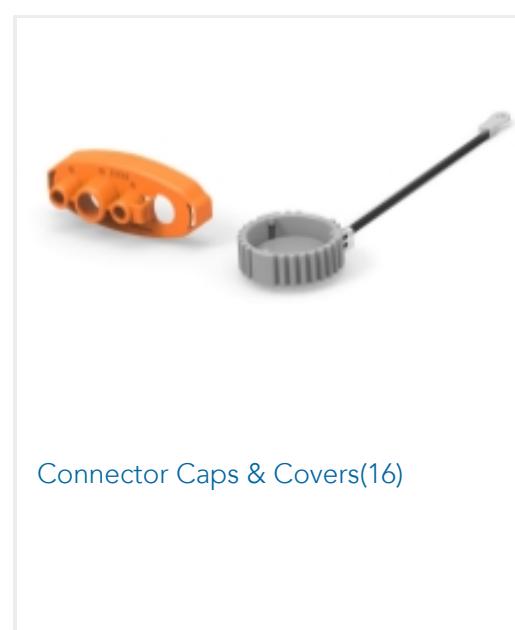


TE Part # 206151-1
23-37 RECEPT STD SEXTE Part # 206151-2
23-37 F.H. RECEPT

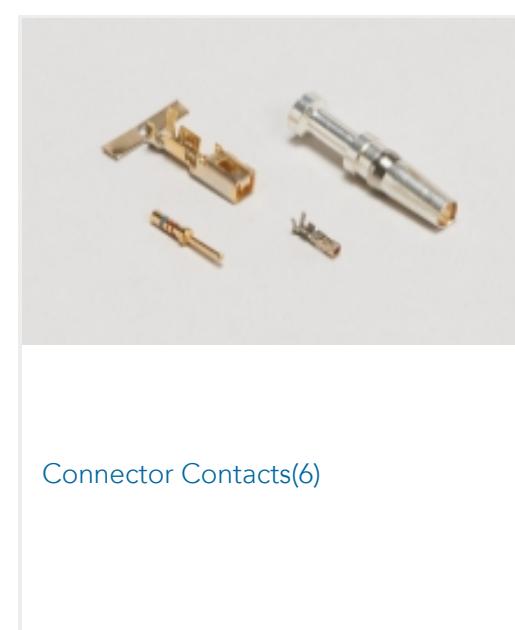
Also in the Series | AMP CPC



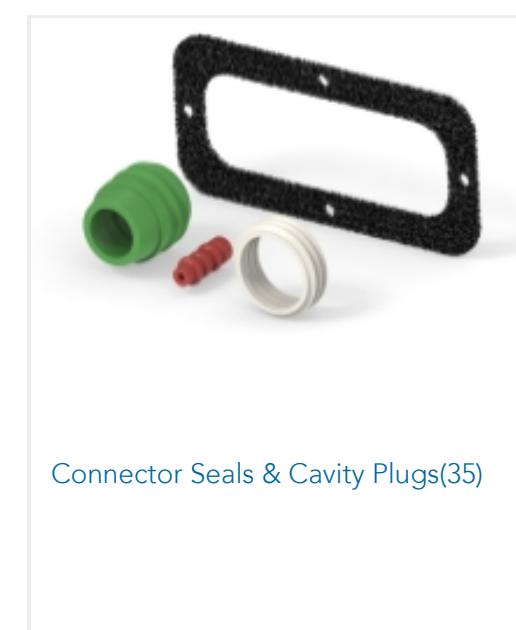
Connector Backshells(1)



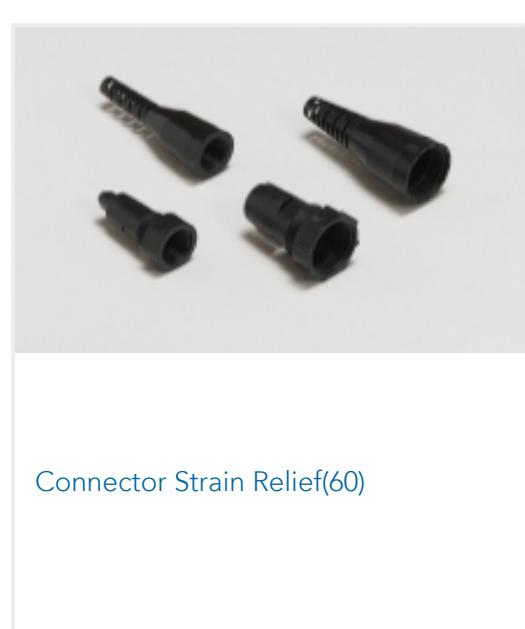
Connector Caps & Covers(16)



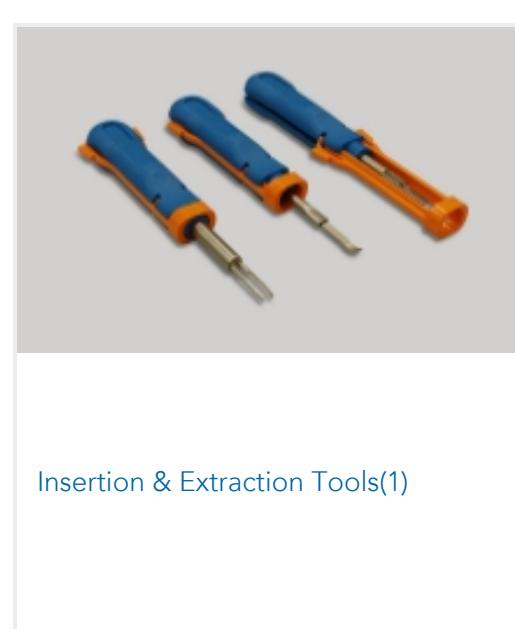
Connector Contacts(6)



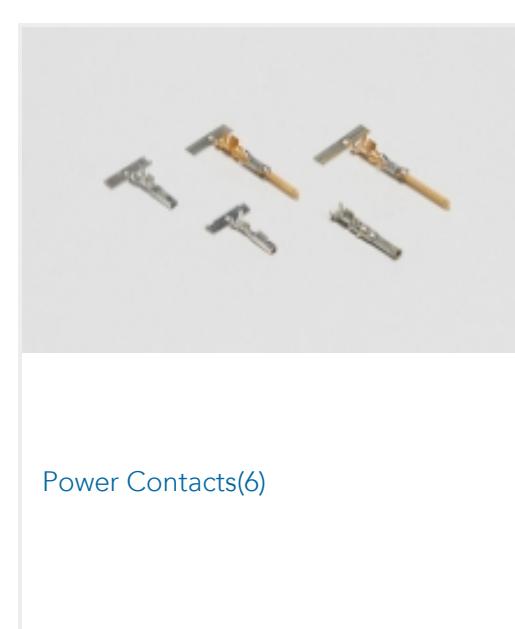
Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)



Power Contacts(6)

Customers Also Bought

TE Part #T211122201-007
HMN-012-FTE Part #211770-2
CPC PLUG ASSEMBLY SIZE 23-19TE Part #213850-1
CPC PLUG ASSEMBLY SIZE 23-37TE Part #206138-8
CLAMP CBL SHELL SIZE 23TE Part #206305-4
CPC PLUG ASSEMBLY SIZE 23-37TE Part #206837-3
CPC PLUG ASSEMBLY SIZE 23-24TE Part #2101549-2
RECEPTACLE,40 POS,CIRCULAR HD,
PCB, POL2TE Part #1-1823440-3
22POS, MIXED, REC HSG, ASSY,
SEALED



Documents

Product Drawings

CPC PLUG ASSEMBLY SIZE 23-37

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_206150-3_K1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_206150-3_K1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_206150-3_K1.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_206150-3_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_206150-3_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_206150-3_M.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

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