206037-3 ✔ ACTIVE

AMP | AMP Circular Plastic Connectors

TE Internal #: 206037-3

16 Position Circular Power Connector, Housing, 600 VDC, Wire-to-Wire, Wire & Cable, Plug, Socket, Power & Signal, AMP Circular Plastic Connectors

View on TE.com >

Connectors > Power Connectors > Circular Power > Circular Power Connectors







Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Number of Positions: **16**

Sealable: **No**

Features

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

Configuration Features

Reverse Numbering	Without
Number of Positions	16
Number of Power Positions	0
Number of Signal Positions	16

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Reverse Gender	No
Contact Type	Socket
Contact Protection	With

Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	15/16-20 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	Thermoplastic
Circular Connector Shell Size	17

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

Packaging Features

Packaging Quantity	100
Packaging Method	Bag

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 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Triphenyl phosphate (TPP) (1% in 4995546) **Article Safe Usage Statements:** Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. 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 >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



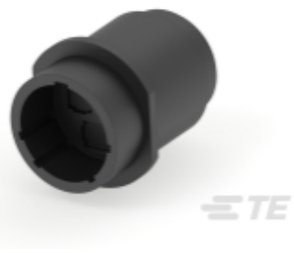
TE Part # 206036-5
CPC RECPT ASSEMBLY SIZE 17-16



TE Part # 206036-8
RECEPT,SZ 17-16 CPC,W/INSERTS



TE Part # 206036-7
CPC RECPT,SZ 17-16,SMALL PACK



TE Part # 206207-1
17-3 RECEPT. FREE-HANGING



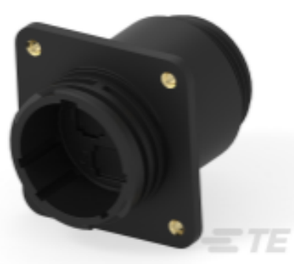
TE Part # 206036-4
CPC RECPT SEALED SIZE 17-16



TE Part # 206036-1
RECEPT,SZ 17-16 CPC



TE Part # 206036-2
CPC RECEPTACLE SIZE 17-3



TE Part # 213581-1
CPC STND SEX 17-3 THRD INSERTS



TE Part # 206036-3
RECEPT,SZ 17-16,CPC



TE Part # 206552-1
CPC RECPT ASSEMBLY SIZE 17-16



TE Part # 1-796404-1
CPC PSTD RCPT,17-16,R/A LF

Also in the Series | AMP Circular Plastic Connectors



Circular Connector Backshells & Clamps(1)



Circular Power Connectors(423)



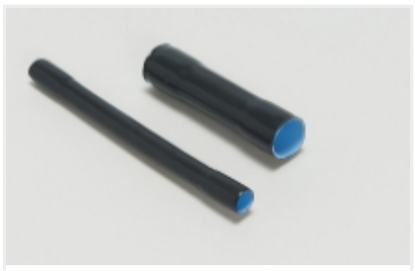
Connector Contacts(6)



Connector Hardware(10)



Power Contacts(6)



Sealing Sleeves(2)

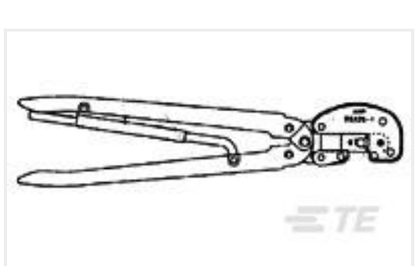
Customers Also Bought



TE Part #58541-1
PRO-CRIMPER HAND TOOL & DIE



TE Part #87456-2
06 MODIV HSG DR MRKD .100CL



TE Part #90382-2
HHHT TYPE XII 16-12 ASSY



TE Part #5-103414-5
07 MODII HDR SRST SHRD LF



TE Part #206036-3
RECEPT,SZ 17-16,CPC



TE Part #1-796375-1
CPC PSTD RCPT,13-9,R/A LF



TE Part #1-2071568-2
ECP250BHBADA



TE Part #5747100-1
CABLE CLAMP KIT,SZ 4

TE Part #20033685-00
RTD,SM,SE,P1000,385,.080T,RR,40.0Y, PSA

TE Part #Y78177-20-39PWV003
HERM RECP

Documents

Product Drawings

CPC PLUG ASSEMBLY SZ 17-16

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_206037-3_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_206037-3_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_206037-3_S.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English