



AMP | Circular Plastic Connectors Series 1, AMP Circular Plastic Connectors

TE Internal #: 1-207303-4

16 Position Circular Power Connector, Connector Assembly, 250 VDC, Wire-to-Board / Wire-to-Panel, AMP Circular Plastic Connectors

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Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 16

Connector Product Type: Connector Assembly

Operating Voltage: 250 VDC

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

Sealable: No

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board, Wire-to-Panel
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

Number of Positions	16
Number of Power Positions	0
Number of Signal Positions	16

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	No
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Contact Type	Pin
Termination Features	
Termination Method to PCB	Through Hole - Solder
Mechanical Attachment	
Panel Mount Feature Type	Flange with Threaded Inserts
Mating Alignment Type	Keyed
Mating Retention Type	Threaded Coupling
Mating Alignment	With
Polarization Code	A
Connector Mounting Type	Panel Mount
Mating Retention	With
Panel Mount Feature	With
Housing Features	
Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	17
Dimensions	
Assembly Length	40 mm[1.575 in]
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
Packaging Features	
Packaging Quantity	24
Packaging Method	Tray



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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (3.7% in 74019106) 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 >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 265°C

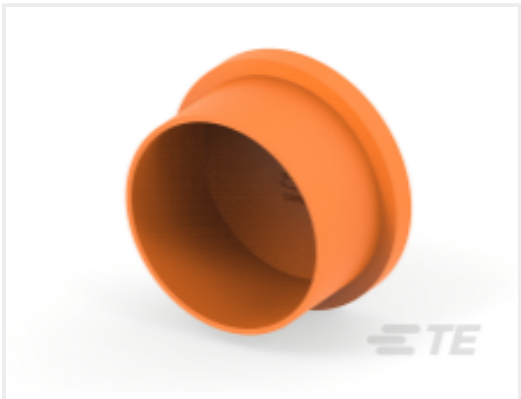
Product Compliance Disclaimer

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



TE Part # 1-206322-0
CABLE CLAMP KIT, BULK PKG



TE Part # 4-2407269-1
CAP, CPC, SIZE 17 RECP, ORANGE



TE Part # 1546349-2
R/A CABLE CLAMP KIT,SZ 17,CPC



TE Part # 206322-9
CABLE CLAMP SIZE 17



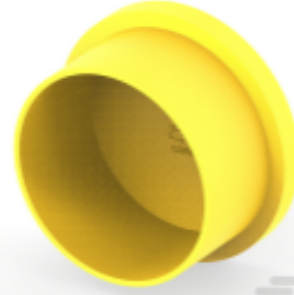
TE Part # 4-2407269-3
CAP, CPC, SIZE 17 RECP, RED



TE Part # 1-207303-6
CPC RECPT ASSM SIZE 17-16



TE Part # 1-206070-0
CABLE CLAMP KIT, BULK PKG



TE Part # 4-2407269-4
CAP, CPC, SIZE 17 RECP, YELLOW



TE Part # 207387-1
CABLE GRIP,SZ 17,CPC



TE Part # 796381-2
R/A STRN RELIEF KIT,SZ 17,CPC



TE Part # 206070-8
CABLE CLAMP KIT #17



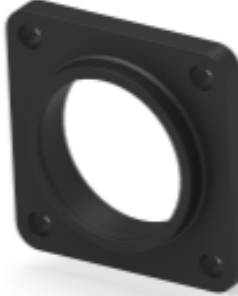
TE Part # 207241-1
CABLE BOOT,SZ 17,CPC



TE Part # 207387-2
CABLE GRIP,SZ 17,CPC



TE Part # 4-2407269-2
CAP, CPC, SIZE 17 RECP, BLACK



TE Part # 207299-3
FLANGE PLUG MOUNT CPC

Also in the Series | AMP Circular Plastic Connectors



Circular Connector Backshells & Clamps(1)



Circular Power Connectors(211)



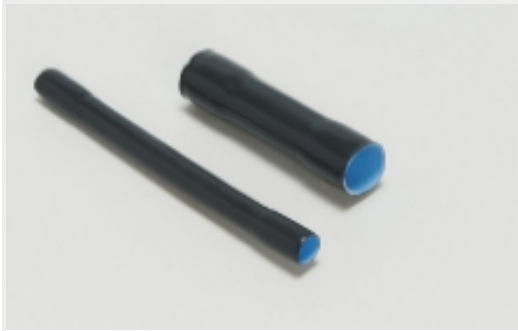
Connector Contacts(260)



Connector Hardware(10)



Power Contacts(260)



Sealing Sleeves(2)

Also in the Series | Circular Plastic Connectors Series 1



Circular Power Connectors(211)

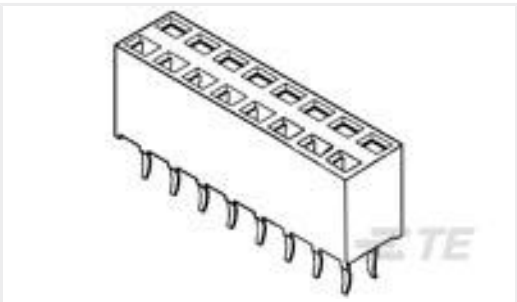


Connector Contacts(260)



Power Contacts(260)

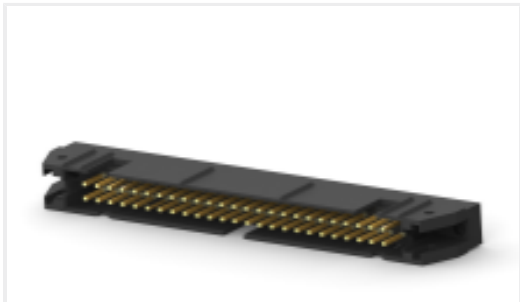
Customers Also Bought



TE Part #215307-8
2X8P HV100 REC CON. TE, 7.0MM



TE Part #1-208223-1
CPC RCPT ASSEMBLY SIZE 13-9



TE Part #CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS



TE Part #2332795-1
Multibeam, Vrt Assy, VITA 62.1, Press



TE Part #1-1719102-1
PCB 6.3 TERMINAL



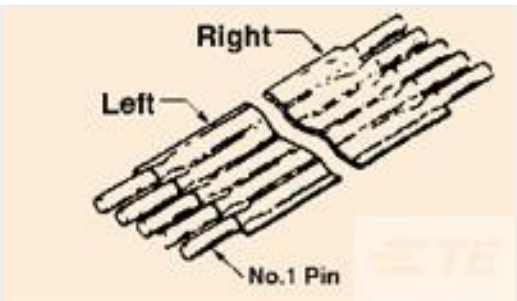
TE Part #5-2301994-9
RJ45 JACK INT.MAG. 10/100 LED 1X1



TE Part #DRC22-50P02
HDR, 50P, BLK, ST, AU/NI/CU, 02



TE Part #336587-1
PRINTED CIRCUIT BOARD RECEP



TE Part #1437130-4
FSN-11A-10=NOMEX FS STD

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-207303-4_AE.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-207303-4_AE.3d_igs.zip



English

Customer View Model
ENG_CVM_CVM_1-207303-4_AE.3d_stp.zip

English

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

English

Product Specifications
Connector, Circular Plastic

English

Product Specification

English

Agency Approvals
CSA Certificate

English

CSA Certificate

English