



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 Mounting Holes
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
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
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 # 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 # 1-206322-0
CABLE CLAMP KIT, BULK PKG



TE Part # 206037-1
CPC PLUG ASSEMBLY SIZE 17-16



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





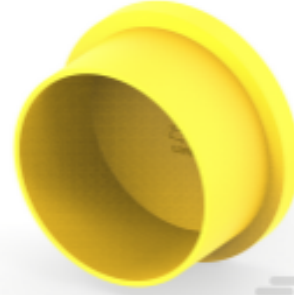
TE Part # 4-2407269-3
CAP, CPC, SIZE 17 RECP, RED



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



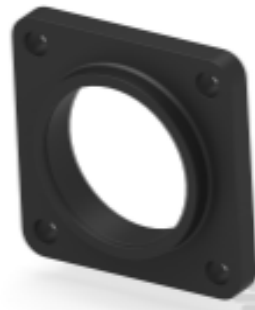
TE Part # 207387-1
CABLE GRIP,SZ 17,CPC



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



TE Part # 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



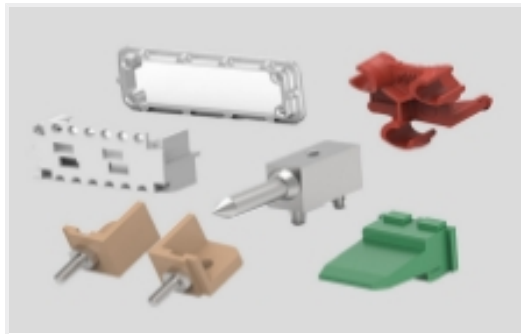
Circular Power Connectors(211)



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Hardware(10)



Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)

Also in the Series | Circular Plastic Connectors Series 1



Circular Power Connectors(211)

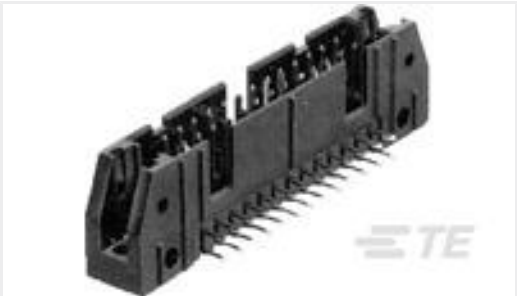


Connector Contacts(260)

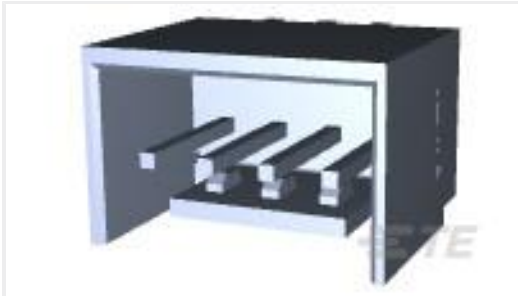


Power Contacts(260)

Customers Also Bought



TE Part #5102160-9
A/L UNIV HDR 40P RA



TE Part #3-644892-4
04P CST100 SHRD HDR ASSY LF



TE Part #208223-9
CPC RECPT ASSEMBLY SIZE 13-9



TE Part #5-534237-4
06 MODII VRT SR CE 100/115



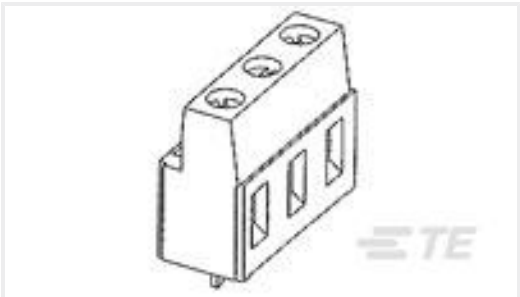
TE Part #3-644892-6
06P CST100 SHRD HDR ASSY LF



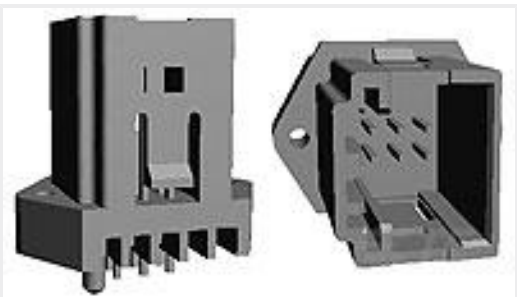
TE Part #1-534206-0
20 MODII VRT DR CE 100/115



TE Part #4-644892-0
10P CST100 SHRD HDR ASSY LF



TE Part #282845-3
TERM-BLOK,PCB MNT,90DG,3P,7.62



TE Part #953363-1
6pos MQS .63 header 180deg



TE Part #1-499252-0
024 STRAIN RELIEF A-L RCPT

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-207303-3_AE.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-207303-3_AE.3d_igs.zip

1-207303-3

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



English

Customer View Model

ENG_CVM_CVM_1-207303-3_AE.3d_stp.zip

English

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

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