



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 14

Connector Product Type: Connector Assembly

Operating Voltage: 250 VDC

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

Sealable: No

Features

Termination Features

Termination Method to PCB	Through Hole - Solder
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Packaging Features

Packaging Quantity	24
Packaging Method	Tray

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

Configuration Features



Number of Positions	14
Number of Power Positions	0
Number of Signal Positions	14

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

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	Yes
Contact Type	Socket

Housing Features

Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	17

Dimensions

Assembly Length	36.02 mm[1.418 in]
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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
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Other

EU RoHS Compliance	Compliant
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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	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



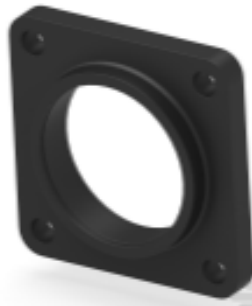
TE Part # 207387-2
CABLE GRIP,SZ 17,CPC



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

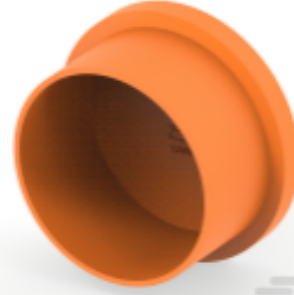


TE Part # 206070-8
CABLE CLAMP KIT #17



TE Part # 207299-3
FLANGE PLUG MOUNT CPC



 TE Part # 206044-1 CPC PLUG ASSEMBLY SIZE 17-14	 TE Part # 4-2407269-2 CAP, CPC, SIZE 17 RECP, BLACK	 TE Part # 4-2407269-3 CAP, CPC, SIZE 17 RECP, RED	 TE Part # 4-2407269-1 CAP, CPC, SIZE 17 RECP, ORANGE
 TE Part # 1-206322-0 CABLE CLAMP KIT, BULK PKG	 TE Part # 206322-9 CABLE CLAMP SIZE 17	 TE Part # 1546349-2 R/A CABLE CLAMP KIT,SZ 17,CPC	 TE Part # 207387-1 CABLE GRIP,SZ 17,CPC
 TE Part # 1-206070-0 CABLE CLAMP KIT, BULK PKG	 TE Part # 796381-2 R/A STRN RELIEF KIT,SZ 17,CPC	 TE Part # 4-2407269-4 CAP, CPC, SIZE 17 RECP, YELLOW	

Also in the Series | AMP CPC

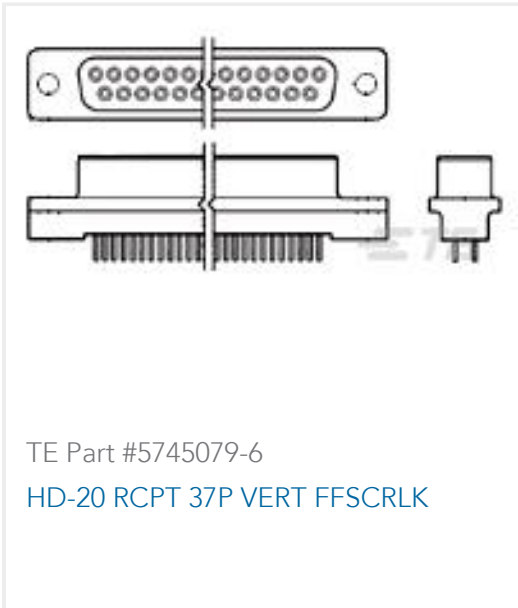
 Circular Connector Backshells & Clamps(1)	 Circular Power Connectors(423)	 Connector Contacts(6)	 Connector Hardware(12)
 Power Contacts(6)	 Sealing Sleeves(2)		

Customers Also Bought





TE Part #1-5745967-0
25 RCPT SP/FMS INSRT



TE Part #5745079-6
HD-20 RCPT 37P VERT FFSCRLK



TE Part #213782-4
CPC RECPT ASSEMBLY SIZE 23-19



TE Part #1734037-7
Champ 050 series,68pos,Au over PdNi



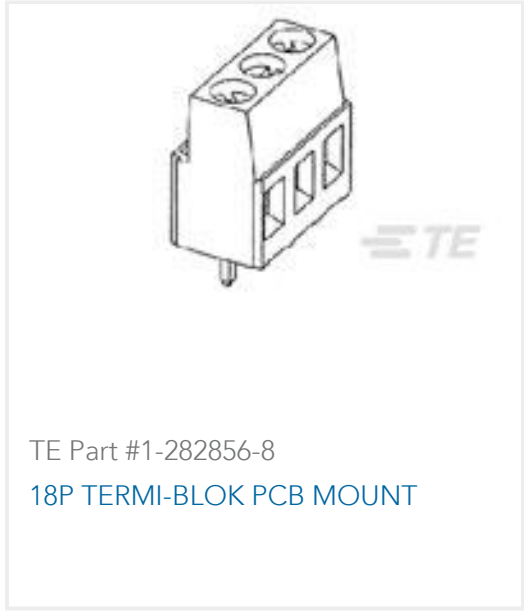
TE Part #796636-5
5POS 5.08MM CE VRT HDR,TRM BLK



TE Part #2-826925-0
MOD 2 PIN HDR.1X20P



TE Part #7-1437667-1
4DB-R108-02=4DB ASSEMBLY



TE Part #1-282856-8
18P TERMI-BLOK PCB MOUNT



TE Part #9-1879352-6
RR02 5% 3K0 AMMO



TE Part #2-1879224-7
CPF 0603 5K62 0.1% 25PPM 1K RL

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_213729-9_L.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_213729-9_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_213729-9_L.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



Application Specification

English

Application Specification

English

Agency Approvals

CSA Certificate

English