



Connectors > Power Connectors > Circular Power > Circular Power Connectors > Cable/Panel Mount Connector, CPC Series 1



Connector Product Type: **Housing**
Operating Voltage: **600 VDC**
Connector System: **Wire-to-Wire**
Number of Positions: **16**
Sealable: **No**

[All Cable/Panel Mount Connector, CPC Series 1 \(57\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle
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

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Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
Contact Type	Pin
Contact Protection	With

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Panel Mount Feature Type	Flange with Mounting Holes
Mating Retention Type	Threaded Coupling
Thread Size	15/16-20 UNEF – 2A
Polarization Code	B
Connector Mounting Type	Panel Mount
Mating Retention	With
Panel Mount Feature	With

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Nylon, 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
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Packaging Features

Packaging Quantity	1
Packaging Method	Package

Other



Power Connectors Comment	4 Locating Key Arrangement.
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 207299-3
FLANGE PLUG MOUNT CPC



TE Part # CAT-AM71-C83998B
CPC Cable Clamps



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



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



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



TE Part # 213849-1
CPC PLUG ASSEMBLY SIZE 17-16



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



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




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




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


Also in the Series | AMP CPC




Circular Connector Adapters(7)




Circular Connector Caps & Covers(16)




Circular Connector Hardware(3)



Circular Connector Keying Plugs(2)




Circular Power Connectors(458)




Connector Backshells(56)




Connector Seals & Cavity Plugs(36)




Connector Strain Relief(6)



Insertion & Extraction Tools(1)





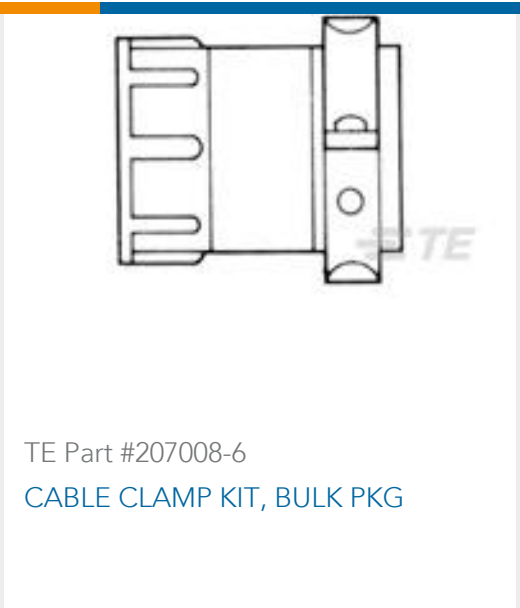

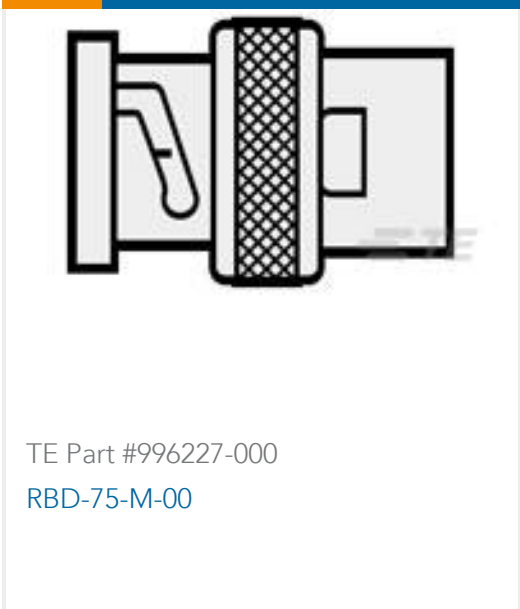

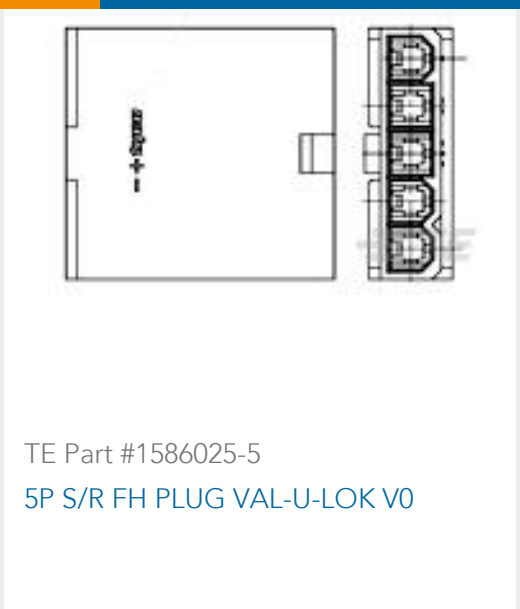



Power Contacts(6)



Sealing Sleeves(2)

Customers Also Bought



 <p>TE Part #66406-4 III+ PIN, 30-26, 30AU/FL, LP</p>	 <p>TE Part #213866-1 23-24 RCPT HSG, STD SEX, CPC</p>	 <p>TE Part #207008-6 CABLE CLAMP KIT, BULK PKG</p>	 <p>TE Part #1-2236715-2 36POS, TAB 1.5X0.64, HEADER ASSY, CODB, 90DEG</p>
 <p>TE Part #996227-000 RBD-75-M-00</p>	 <p>TE Part #213899-1 CPC SEAL ASSY KIT, SRS 5, 17-3</p>	 <p>TE Part #1586025-5 5P S/R FH PLUG VAL-U-LOK V0</p>	 <p>TE Part #2-66101-0 III+ SKT, 18-16, TIN, SMPACK</p>
 <p>TE Part #1932771-1 6 pins 1.6P 1.65H BtoB connector</p>	 <p>TE Part #2-928776-2 MOD2 STIFT M A-PIN</p>		

Documents

Product Drawings
17-16 RCPT HSG, STD SEX, CPC

English

CAD Files
Customer View Model
ENG_CVM_CVM_213862-1_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_213862-1_E.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_213862-1_E.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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals

UL Report

English