

TE Internal #: 213855-4
16 Position Circular Power Connector, Connector Assembly, 250 VDC, Wire-to-Board / Wire-to-Panel, Receptacle, Pin, Signal, Black, All Plastic, AMP CPC

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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

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 Threaded Inserts
Mating Alignment Type	Keyed
Mating Retention Type	Threaded Coupling
Mating Alignment	With
Polarization Code	B
Connector Mounting Type	Panel Mount
Mating Retention	With
Panel Mount Feature	With

Configuration Features



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

Product Type Features

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

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	No
Contact Type	Pin

Housing Features

Housing Color	Black
Housing Material	PA 6.6
Circular Connector Shell Size	17

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 with Exemptions
EU ELV Compliance	Compliant with Exemptions

Product Compliance

For compliance documentation, visit the product page on TE.com>



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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (3.7% in Component Part) 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 # 207387-1
CABLE GRIP,SZ 17,CPC



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



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

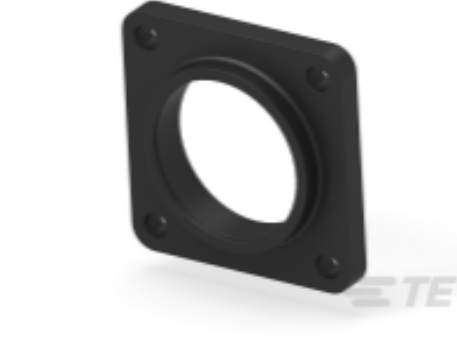


TE Part # 796381-2
R/A STRN RELIEF KIT,SZ 17,CPC





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



TE Part # 207299-3
FLANGE PLUG MOUNT CPC



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



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 # 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

Also in the Series | AMP CPC



Circular Connector Backshells & Clamps(1)



Circular Power Connectors(423)



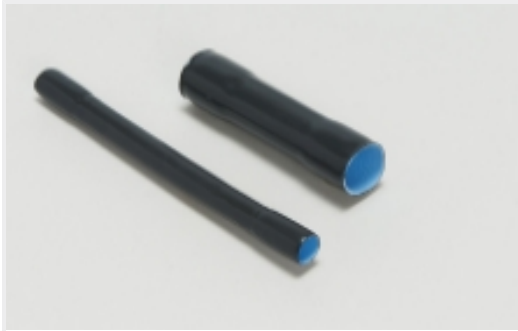
Connector Contacts(6)



Connector Hardware(12)



Power Contacts(6)



Sealing Sleeves(2)

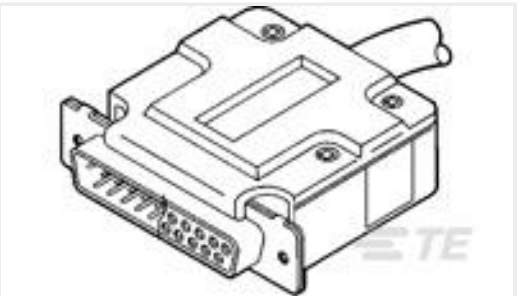
Customers Also Bought



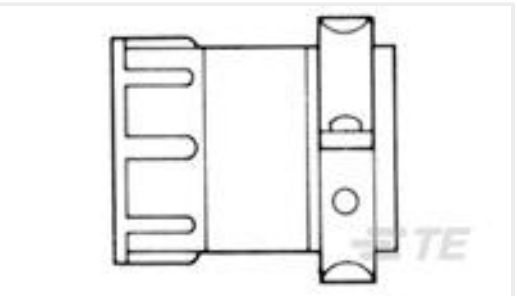
TE Part #6-1625971-7
HSA25 820R 5%



TE Part #2-6609104-1
PELS0SSX0=C1238



TE Part #207473-1
CABLE CLAMP KIT,SZ 4



TE Part #206512-5
CLAMP,CABLE SHELL,SIZE 23



TE Part #66105-3
III+ SKT,24-20,15AU/FL,LP



TE Part #66101-1
III+ SKT,18-16,30AU>10,LP



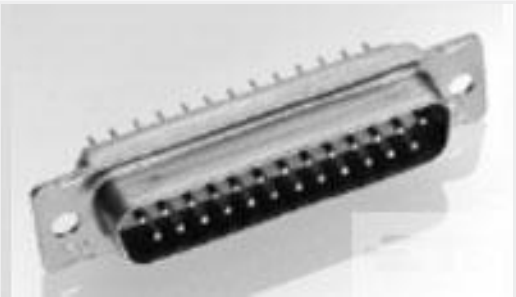
TE Part #7-1393254-0
W92-X112-15=M6/M7/M9/W6/W7



TE Part #7-1393254-2
W92-X112-20=M6/M7/M9/W6/W7



TE Part #350713-1
12P UMNL PIN HDR ASSY 94VO



TE Part #1757820-4
AMPLIMITE,ASY,RCPT,STD,109,ZN,4

Documents

Product Drawings

CPC RECPT ASSEMBLY SIZE 17-16

English

CAD Files

Customer View Model

ENG_CVM_CVM_213855-4_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_213855-4_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_213855-4_F.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

Agency Approvals

CSA Certificate

English