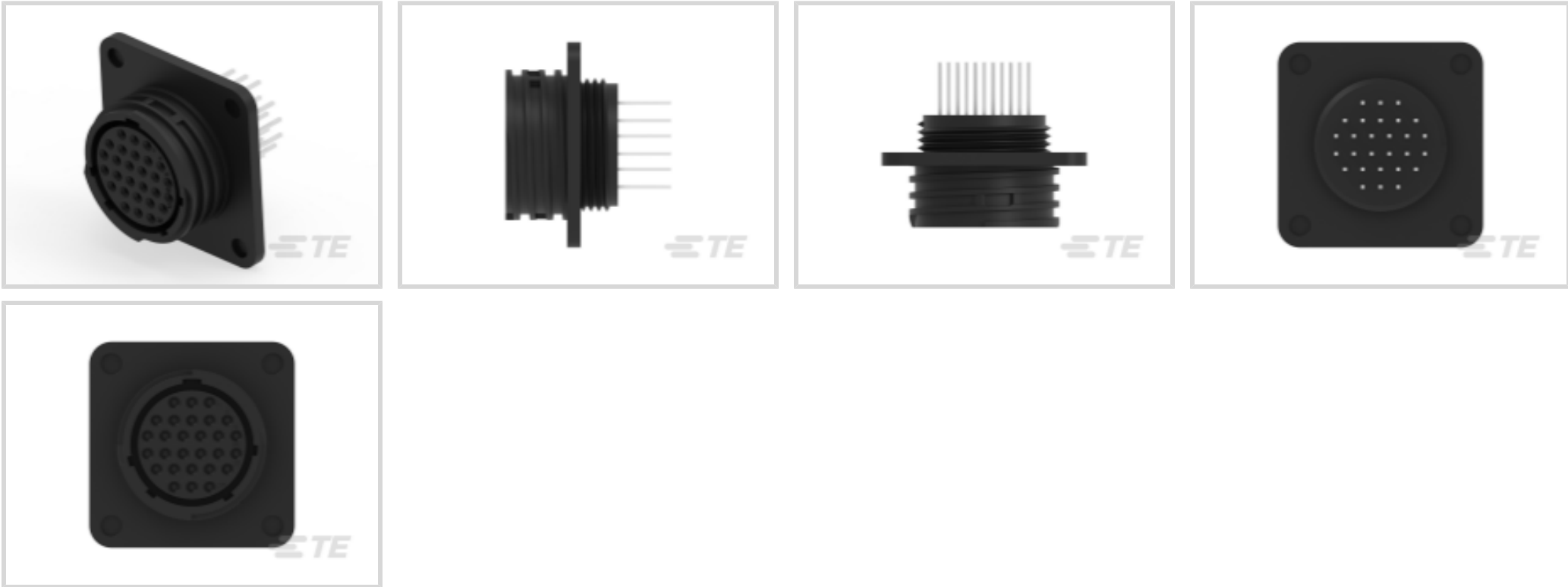




Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 28

Connector Product Type: Connector Assembly

Operating Voltage: 250 VDC

Connector System: Wire-to-Board

Sealable: No

Features

Product Type Features

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

Configuration Features

Number of Positions	28
Number of Power Positions	0
Number of Signal Positions	28

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	Yes
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Contact Type	Socket
Contact Current Rating (Max)	7.5 A
Contact Protection	With

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
Mating Alignment Type	Keyed
Mating Retention Type	Threaded Coupling
Mating Alignment	With
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	36.3 mm[1.429 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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Packaging Features

Packaging Quantity	24
Packaging Method	Bag



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: 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



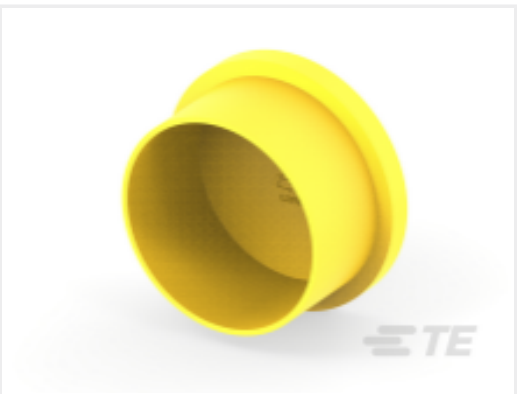
TE Part # 4-2407269-2
CAP, CPC, SIZE 17 RECP, BLACK



TE Part # 207299-3
FLANGE PLUG MOUNT CPC



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

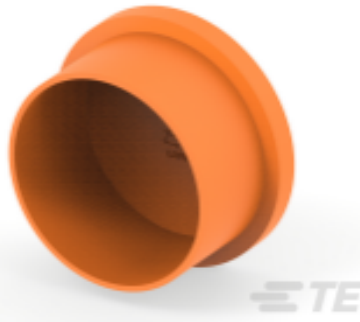




TE Part # 207387-2
CABLE GRIP, SZ 17, CPC



TE Part # 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 # 206039-1
CPC PLUG ASSEMBLY SIZE 17-28



TE Part # 206322-9
CABLE CLAMP SIZE 17



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

Also in the Series | AMP Circular Plastic Connectors



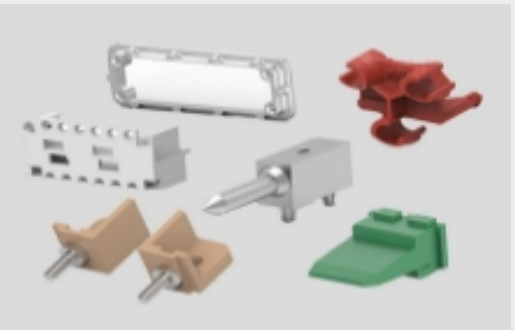
Circular Connector Backshells & Clamps(1)



Circular Power Connectors(36)



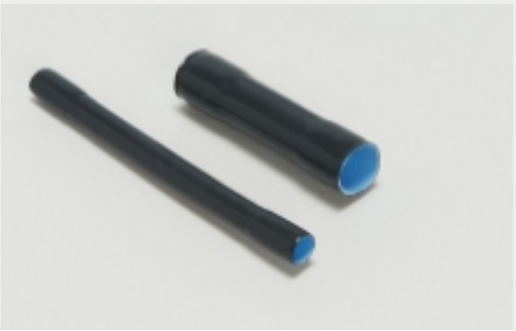
Connector Contacts(52)



Connector Hardware(10)



Power Contacts(6)



Sealing Sleeves(2)

Also in the Series | Circular Plastic Connectors Series 2



Circular Power Connectors(36)



Connector Contacts(52)

Customers Also Bought



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



TE Part #2-208224-1
CPC RECPT ASSEMBLY SIZE 23-37



TE Part #1-207303-5
CPC RECPT ASSM SIZE 17-16



TE Part #1-796433-1
CPC POSTED RCPT,13-7 LF



TE Part #213856-4
CPC RECPT ASSEMBLY SIZE 23-37



TE Part #213798-3
CPC RECPT ASSEMBLY SIZE 23-24



TE Part #213859-2
CPC RECPT ASSEMBLY SIZE 23-19



TE Part #206039-1
CPC PLUG ASSEMBLY SIZE 17-28



TE Part #6-104068-7
100 SYSTEM 50 HDR DRST SHRD



TE Part #1-206934-1
CPC RECPT ASSEMBLY SIZE 23-37

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-207216-7_AW.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-207216-7_AW.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_1-207216-7_AW.3d_stp.zip](#)

English

3D PDF

3D

3D PDF

English

Customer View Model

[ENG_CVM_1-207216-7_AD1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_1-207216-7_AD1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-207216-7_AD1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

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Product Specifications

[Connector, Circular Plastic](#)

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Product Specification

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Agency Approvals

[CSA Certificate](#)

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