



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 28

Connector Product Type: Housing

Operating Voltage: 250 VDC

Connector System: Wire-to-Panel

Sealable: No

Features

Product Type Features

Connector Product Type	Housing
Connector System	Wire-to-Panel
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	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	No
Contact Type	Pin
Contact Current Rating (Max)	7.5 A
Contact Protection	With

Mechanical Attachment

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

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	17

Dimensions

Compatible Insulation Diameter Range	1.73 mm[.068 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	100
Packaging Method	Bag



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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (3.7% in 74019106) 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	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 # 4-2407269-2
CAP, CPC, SIZE 17 RECP, BLACK



TE Part # 206070-8
CABLE CLAMP KIT #17

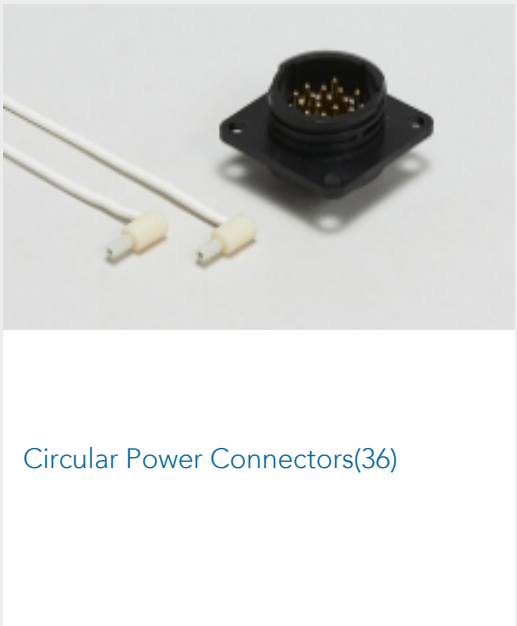
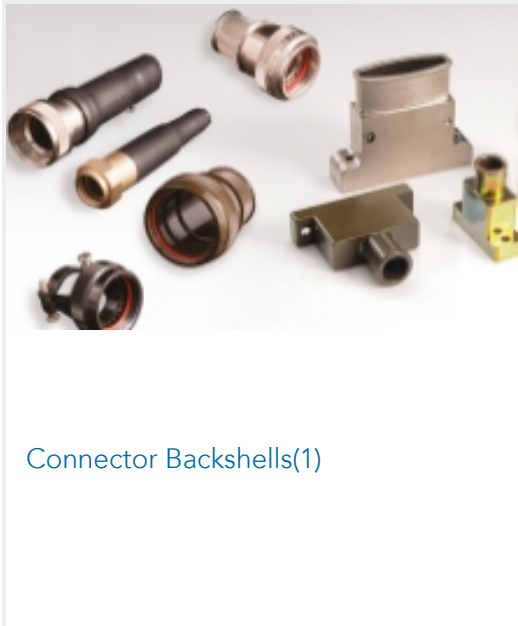
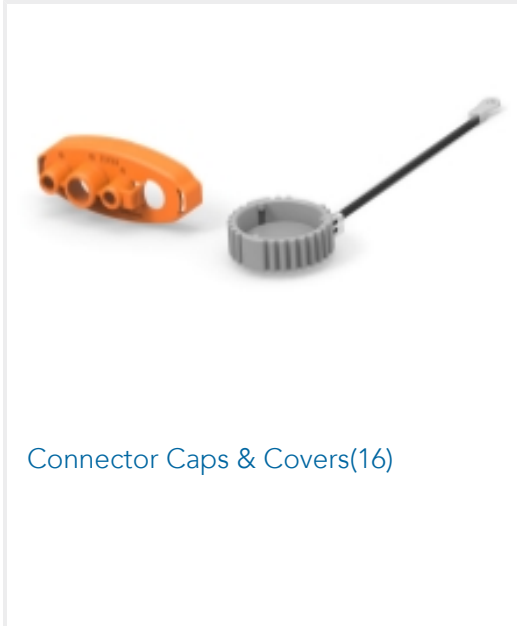
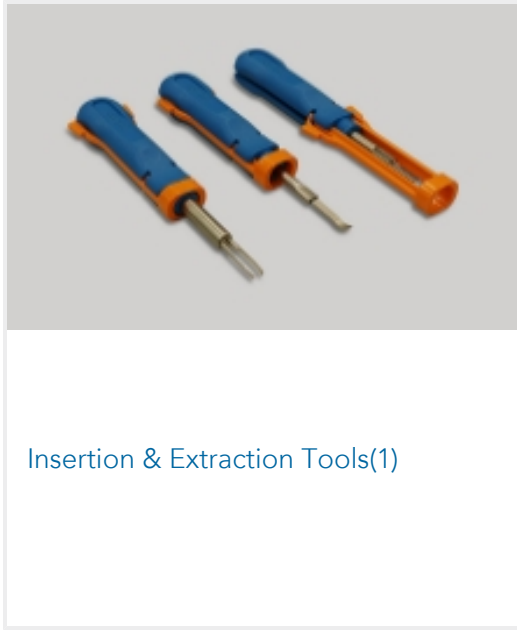


TE Part # 207241-1
CABLE BOOT, SZ 17, CPC



 TE Part # 207387-2 CABLE GRIP,SZ 17,CPC	 TE Part # 1-206070-0 CABLE CLAMP KIT, BULK PKG	 TE Part # 207387-1 CABLE GRIP,SZ 17,CPC	 TE Part # 213810-1 CPC COUPLING RING SIZE 17
 TE Part # 4-2407269-4 CAP, CPC, SIZE 17 RECP, YELLOW	 TE Part # 796381-2 R/A STRN RELIEF KIT,SZ 17,CPC	 TE Part # 1546349-2 R/A CABLE CLAMP KIT,SZ 17,CPC	 TE Part # 206322-9 CABLE CLAMP SIZE 17
 TE Part # 205839-3 CPC PLUG ASSEMBLY SIZE 17-28	 TE Part # 1-206322-0 CABLE CLAMP KIT, BULK PKG	 TE Part # 4-2407269-1 CAP, CPC, SIZE 17 RECP, ORANGE	 TE Part # 4-2407269-3 CAP, CPC, SIZE 17 RECP, RED

Also in the Series | AMP Circular Plastic Connectors

 Circular Power Connectors(36)	 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 2



Circular Power Connectors(36)

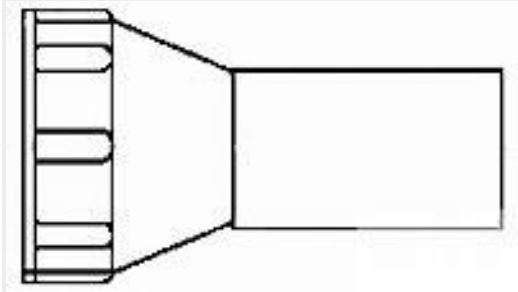


Connector Contacts(52)

Customers Also Bought



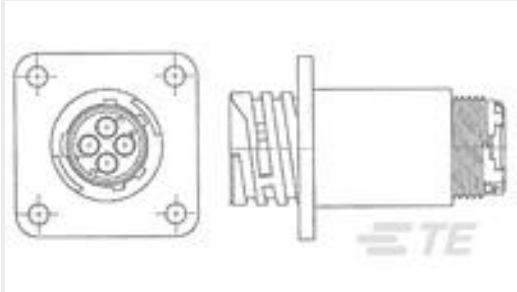
TE Part #211103-1
CPC RCPT ASSEMBLY 17-14



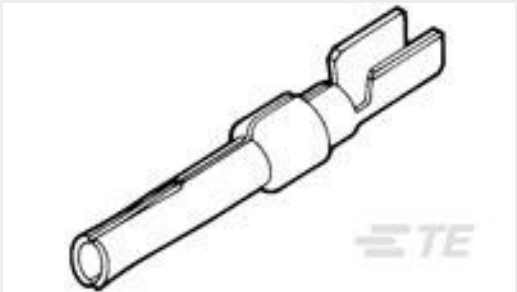
TE Part #213933-1
CPC,STRAIN RELIEF,SIZE 17



TE Part #205839-3
CPC PLUG ASSEMBLY SIZE 17-28



TE Part #788154-2
SLD CPC RCPT ASSY,11-4,REV SEX



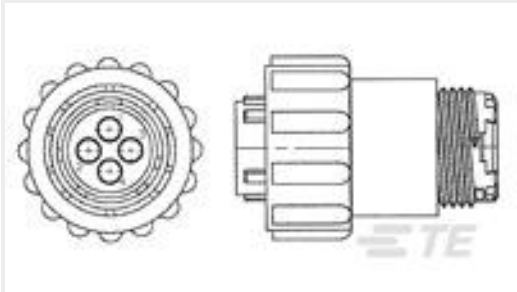
TE Part #205201-3
20DF SOCKET CONTACT,PLATED



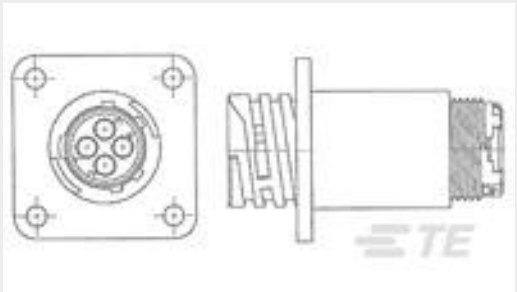
TE Part #770083-1
05P .093 COMM P&S RCPT HSG



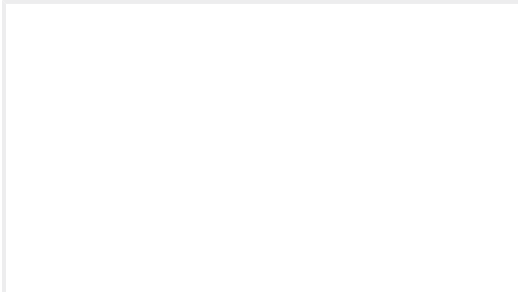
TE Part #770084-1
05P .093 COMM P&S PLUG HSG



TE Part #796271-1
SLD CPC PLUG ASSY,17-14,REV SX



TE Part #796095-2
SLD CPC RCPT ASY,11-4,STD SEX



TE Part #2247098-1
BEZEL,QUARTER TURN

Documents

Product Drawings
CPC RCPT ASSY 17-28 W/INSERTS
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_205840-4_P.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_205840-4_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_205840-4_P.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

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

English

Agency Approvals

[CSA Certificate](#)

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