



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC**

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

Number of Positions: **16**

Sealable: **No**

Features

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

Configuration Features

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

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	No
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Contact Type	Pin
Termination Features	
Termination Method to PCB	Through Hole - Solder
Mechanical Attachment	
Mating Alignment Type	Keyed
Mating Alignment	With
Panel Mount Feature Type	Flange with Threaded Inserts
Mating Retention Type	Threaded Coupling
Polarization Code	A
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	40 mm[1.575 in]
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
Packaging Features	
Packaging Quantity	24
Packaging Method	Tray



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 # 207241-1
CABLE BOOT,SZ 17,CPC



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



TE Part # 207299-3
FLANGE PLUG MOUNT CPC



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



TE Part # 1546349-2
R/A CABLE CLAMP KIT, SZ 17, CPC



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



TE Part # 206322-9
CABLE CLAMP SIZE 17



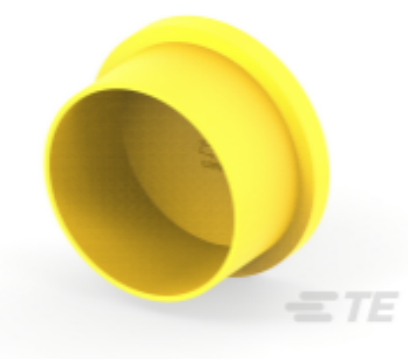
TE Part # 206070-8
CABLE CLAMP KIT #17



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



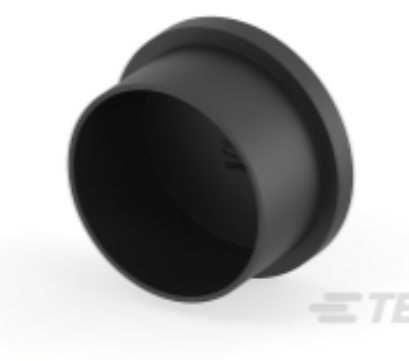
TE Part # 1-206322-0
CABLE CLAMP KIT, BULK PKG



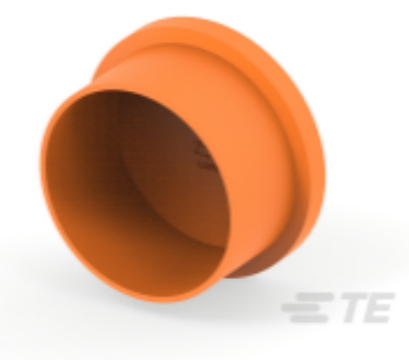
TE Part # 4-2407269-4
CAP, CPC, SIZE 17 RECP, YELLOW



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



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



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



TE Part # 1-207303-6
CPC RECPT ASSM SIZE 17-16

Also in the Series | AMP CPC



Circular Power Connectors(425)



Connector Backshells(1)



Connector Caps & Covers(16)



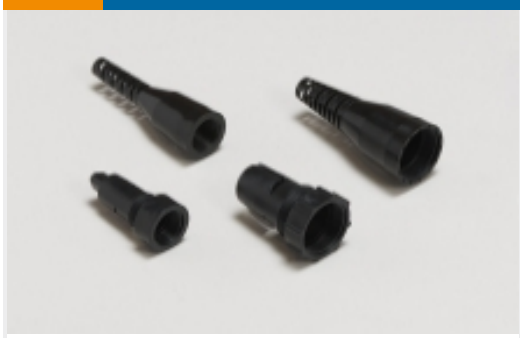
Connector Contacts(6)



Connector Hardware(12)



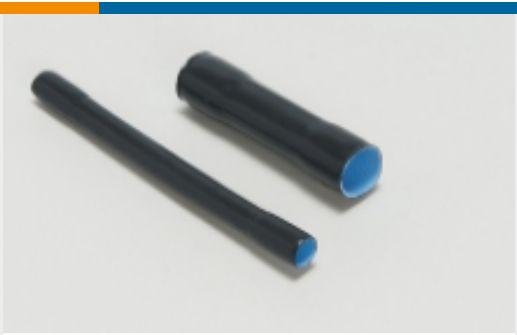
Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)



Sealing Sleeves(2)

Customers Also Bought



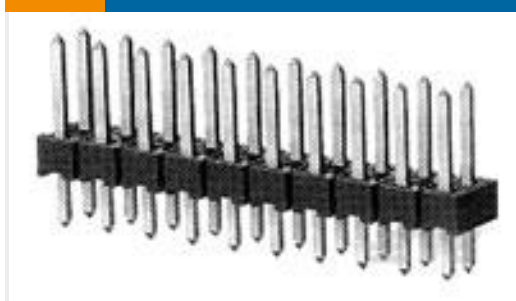
TE Part #5747250-6
09 MSFL PLUG RA 318 (SL,FM)



TE Part #5745781-6
09 MSFL RCPT RA 318 (SL,FM)



TE Part #5084616-2
0.8FH,R13H.5,060,08/Sn,TR,SC



TE Part #5-146257-5
10P MODII HDR DRST B/A LF



TE Part #1-406525-1
IMJ,NO SHLD,8P,TRAY, SN



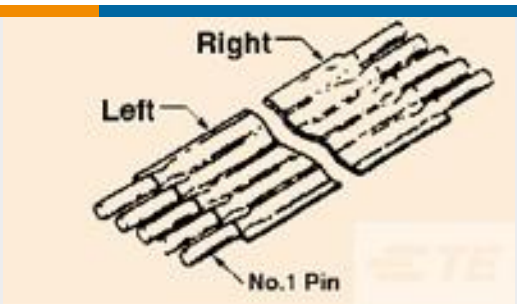
TE Part #6-66460-2
PIN,.062 DIA,.025 SQ POST,LP



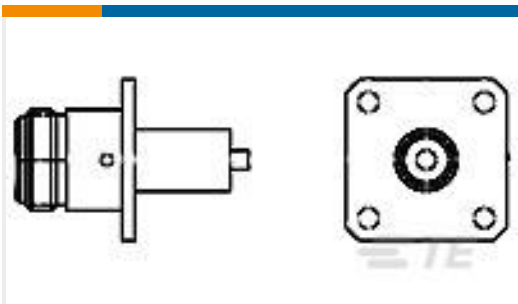
TE Part #1-207825-1
CPC RCPT ASSEMBLY SIZE 11-4



TE Part #1-208223-1
CPC RCPT ASSEMBLY SIZE 13-9



TE Part #2-1474644-7
FSN-21A-4



TE Part #1057290-1
3052 1201 10,N SERIES FM PLUG

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-207303-4_AE.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-207303-4_AE.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_1-207303-4_AE.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

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

English

Product Specifications

[Connector, Circular Plastic](#)

English

[Product Specification](#)

English

Agency Approvals

[CSA Certificate](#)

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