



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 16

Connector Product Type: Housing

Operating Voltage: 600 VDC

Connector System: Wire-to-Wire

Sealable: Yes

Features

Dimensions

Compatible Insulation Diameter Range	1.65 – 3.05 mm [.065 – .12 in]
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Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	15/16-20 UNEF – 2A
Polarization Code	A
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With
Panel Mount Feature	Without

Housing Features



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

Product Type Features

Connector Seal & Plug Type	Wire Entry Seal
Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Plug
Circular Connector Shell Type	All Plastic

Configuration Features

Reverse Numbering	With
Number of Positions	16
Number of Power Positions	0
Number of Signal Positions	16

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
Contact Type	Socket
Contact Protection	With

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	Immersion

Operation/Application

Circuit Application	Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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

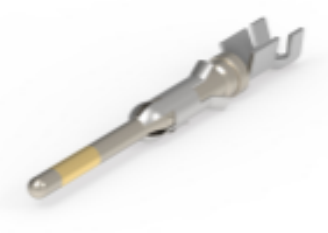
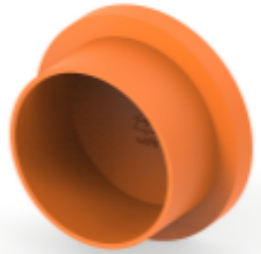
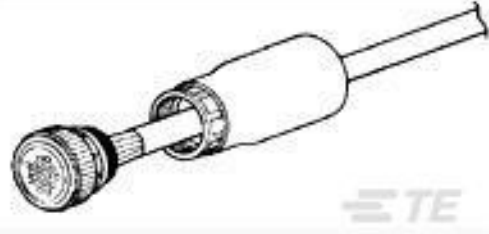
TE Part # 91538-1
CCI TYPE II PIN SKT 30-20 ASSY

TE Part # 164159-4
M-SRS PIN ASSY 3+

TE Part # 202726-1
CONTACT SOCKET ASSY.

TE Part # 91515-1
CCI TYPE III+ MNL PIN SKT 30-20 ASSY



 TE Part # 66564-8 III+ PIN,24-20,30AU/FL,STRIP	 TE Part # 788085-1 TYPE III+ PIN ASSEMBLY,.062	 TE Part # 66360-3 III+ SKT,18-14,15AU/FL,LP	 TE Part # 3-66104-0 III+ SKT,24-20,TIN ,STRIP
 TE Part # 66597-2 III+ PIN,18-14,30AU/FL,STRIP	 TE Part # 66109-3 III+ SKT,26-24,15AU/FL,LP	 TE Part # 1-66105-9 III+ SKT,24-20,TIN,LP	 TE Part # 201334-1 CONTACT PIN ASSY.
 TE Part # 66598-2 III+ SKT,18-14,30AU/FL,STRIP	 TE Part # 164164-2 PIN ASS	 TE Part # 193846-1 SKT ASSY.	 TE Part # 796964-1 PIN ASSY,18-16 AWG,HI CURRENT
 TE Part # 3-2407269-1 CAP, CPC, SIZE 17 PLUG, ORANGE	 TE Part # 796276-1 SLD CPC RCPT ASSY,17-16,STD SX	 TE Part # 54011-3 CPC STRAIN RELIEF,SIZE 17	 TE Part # 54011-1 CPC STRAIN RELIEF,SIZE 17

Also in the Series | AMP CPC

 Connector Backshells(1)	 Connector Caps & Covers(16)	 Connector Contacts(6)	 Connector Seals & Cavity Plugs(35)
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Connector Strain Relief(60)



Insertion & Extraction Tools(1)

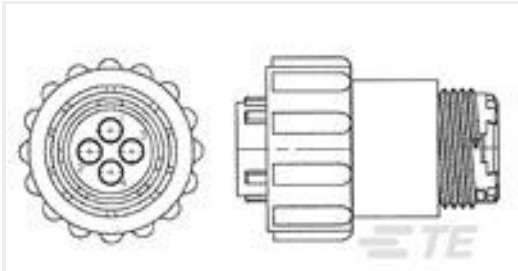


Power Contacts(6)

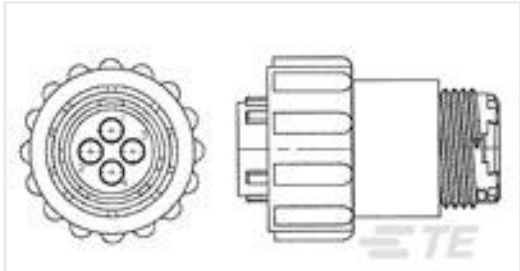
Customers Also Bought



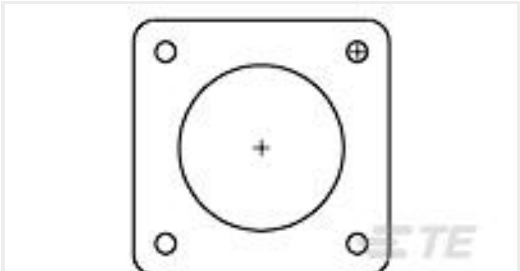
TE Part #1-745496-7
25 HDE MS PLUG,22-26,LEAD FREE



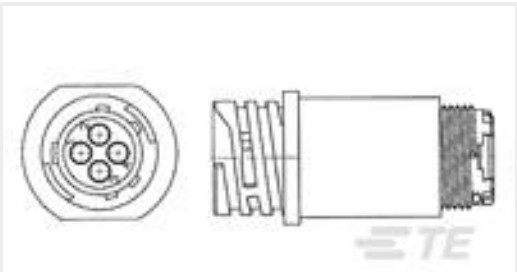
TE Part #788157-2
SLD CPC PLUG ASSY,13-9,STD SEX



TE Part #796094-2
SLD CPC PLUG ASY,11-4,STD SEX



TE Part #81665-5
ECONOSEAL, FLANGE GASKET



TE Part #796096-2
SLD CPC RCPT ASY,11-4,STD SEX



TE Part #61116-6
CMNL PIN 24-18 AUNIPHBZ



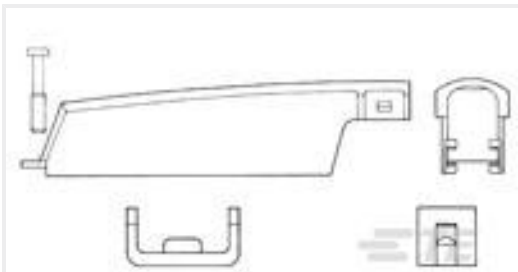
TE Part #229968-1
COVER,DUST,PLUG,BLUE,CHAMP



TE Part #335104-E
SRCBUG A 2,54 2 2 CSI 112 * K-AD B500 J



TE Part #544720-E
SRCBUG A 2,54 2 2 CSI 163 * K-AD B500 J



TE Part #229909-1
COVER,TAPERED,90DEG"CHAMP PKG"

Documents

Product Drawings

SLD CPC PLUG ASSY,17-16,STD SX

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_796274-1_G.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_796274-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_796274-1_G.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_796274-1_E1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_796274-1_E1.2d_dxf.zip](#)

English

[3D PDF](#)

English

Customer View Model

[ENG_CVM_796274-1_E1.3d_igs.zip](#)

English

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Datasheets & Catalog Pages

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

English

Agency Approvals

[UL Report](#)

English