



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Connector Product Type: **Housing**
Operating Voltage: **600 VDC**
Wire Size: **.05 – .2 mm²**
Connector System: **Wire-to-Wire**

Features

Product Type Features

Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Plug
Circular Connector Shell Type	Metal-Shell

Configuration Features

Reverse Numbering	Without
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

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Reverse Gender	No
Contact Type	Socket
Contact Current Rating (Max)	13 A
Contact Protection	With

Termination Features

Termination Method to Wire & Cable	Crimp & Solder
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Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	1-3/16-18 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	Thermoplastic
Circular Connector Shell Size	22

Dimensions

Compatible Insulation Diameter Range	2.54 mm[.1 in]
Wire Size	.05 – .2 mm ²

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Fluid Resistance	None

Operation/Application

Circuit Application	Power & Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features



Packaging Quantity	10
Packaging Method	Box

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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



Also in the Series | [AMP Circular Plastic Connectors](#)



Circular Power Connectors(423)



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)

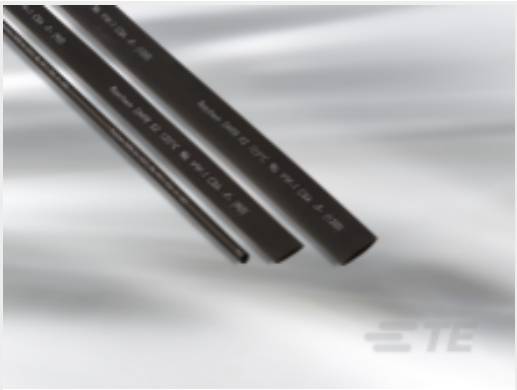


Insertion & Extraction Tools(1)



Power Contacts(6)

Customers Also Bought



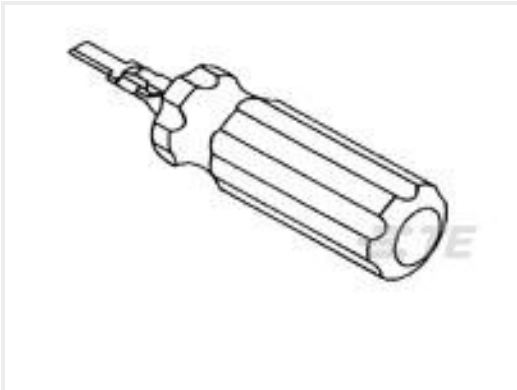
TE Part #EM7491-000
X2-10.0-0-FSP-SM



TE Part #66399-2
III+ SKT,24-20,30AU>10,LP



TE Part #66504-8
SOCKET CONTACT, 20 DF



TE Part #90471-1
EXTRACTION TOOL, SC-156



TE Part #2-350378-1
MR SPLT GROMET .218 DIA BLK LF



TE Part #CAT-103156-WBHSM
Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156



TE Part #3-747580-1
SHLDNG FERRULE, PLTD, BULK PKG



TE Part #1-747944-6
KIT,PLUG,9P,HDE,SHLD ENCLSRE

Documents

Product Drawings

CMC PLUG ASSEMBLY,SZ 22

English

CAD Files

Customer View Model

ENG_CVM_208488-5_U.3d_igs.zip

English

Customer View Model



[ENG_CVM_208488-5_U.3d_stp.zip](#)

English

[3D PDF](#)

English

Customer View Model

[ENG_CVM_208488-5_U.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_208488-5_W.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_208488-5_W.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_208488-5_W.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[UL Report](#)

English