



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 10
Connector Product Type: Housing
Operating Voltage: 250 VDC
Connector System: Wire-to-Wire
Sealable: No

Features

Dimensions

Compatible Insulation Diameter Range	1.5 – 3.3 mm, 3.96 – 6.6 mm[.06 – .13 in][.156 – .26 in]
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Packaging Features

Packaging Quantity	1
Packaging Method	Package

Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	15/16-20 UNEF – 2A
Polarization Code	A
Mating Alignment Type	Keyed
Mating Alignment	With
Mating Retention	With
Panel Mount Feature	Without

Housing Features

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



Configuration Features

Reverse Numbering	With
Number of Positions	10
Number of Power Positions	2
Number of Signal Positions	8

Product Type Features

Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	Yes
Contact Type	Socket
Contact Protection	With

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	None

Operation/Application

Circuit Application	Power & 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

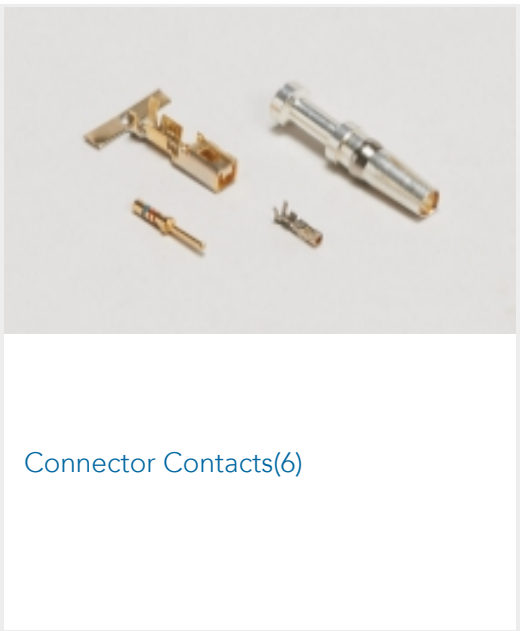
Product Compliance Disclaimer

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



Also in the Series | AMP CPC





Connector Strain Relief(60)



Insertion & Extraction Tools(1)



Power Contacts(6)

Customers Also Bought



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



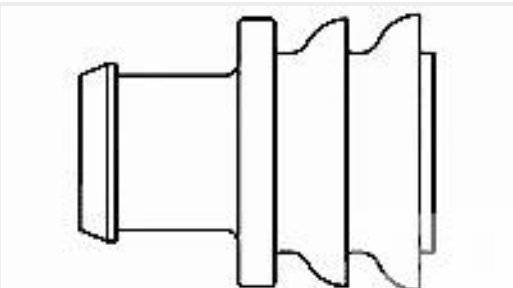
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL

Documents

Product Drawings
CPC RCPT,IN-LINE,SRS 6,17-10
English

CAD Files
3D PDF
English
Customer View Model
ENG_CVM_213894-1_B.2d_dxf.zip
English
Customer View Model
ENG_CVM_213894-1_B.3d_igs.zip
English
Customer View Model
ENG_CVM_213894-1_B.3d_stp.zip
English
3D PDF



3D

Customer View Model

[ENG_CVM_CVM_213894-1_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213894-1_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213894-1_J.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

Agency Approvals

[CSA Certificate](#)

English

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English