



Connectors > Power Connectors > Circular Power > Circular Power Connectors



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

Connector System: **Wire-to-Wire**

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Power Positions	6

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
Contact Type	Socket
Contact Current Rating (Max)	20 A
Contact Protection	Without

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention Type	Latches
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With
Panel Mount Feature	Without

Housing Features

Housing Color	Natural
Housing Material	Nylon

Usage Conditions

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

Operation/Application

Circuit Application	Power
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-2, UL 94V-0
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Packaging Features

Packaging Quantity	1
Packaging Method	Package

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 794912-1
6 POS UMNL CIR CAP HSG



TE Part # 643253-1
06P UMNL ASSY MOD HSG VO

Also in the Series | Universal MATE-N-LOK



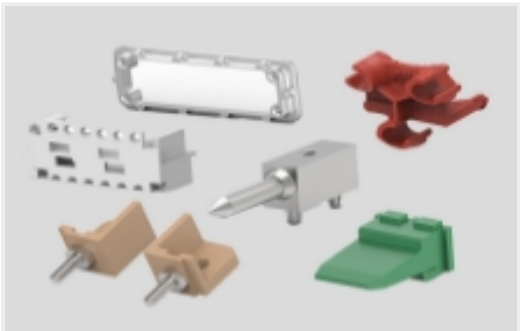
Circular Power Connectors(2)



Connector Caps & Covers(34)



Connector Contacts(209)



Connector Hardware(12)



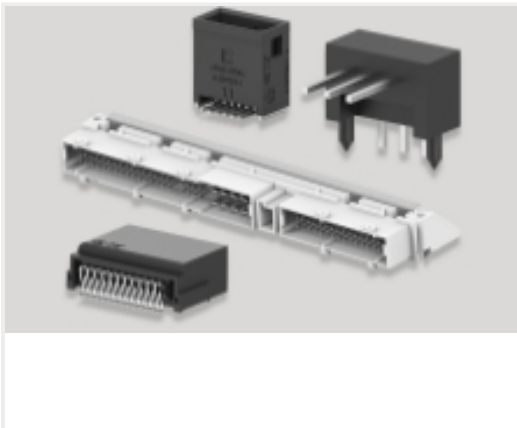
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(284)



Rectangular Connector Housings(1)



Rectangular Power Connectors(370)



Standard Circular Connectors(1)

Customers Also Bought



TE Part #2-1355668-2
JPT EDS BUGH, ASSY2P



TE Part #174670-1
KEYING PLUG MINI U-M-N-L



TE Part #60771-2
RING CRIMP 18-14 AWG TPBR



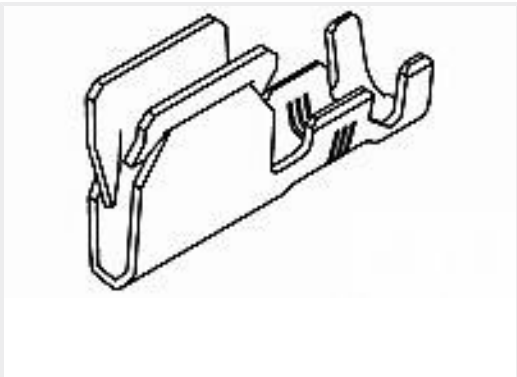
TE Part #60774-2
SPADE TERMINAL 18-14 AWG TPBR



TE Part #62613-2
RING .190 12-10 AWG 0245 TPCRS



TE Part #60772-2
RING CRIMP 18-14 AWG TPBR



TE Part #63895-1
GROUND CLIP 14-18AWG ST



TE Part #60771-1
RING CRIMP 18-14 AWG BR



TE Part #60770-1
RING CRIMP 18-14 AWG BR



TE Part #3-456408-8
CRIMPER, WIRE .110 "F"

Documents



Product Drawings

6 POS UMNLCIR PLUG HSG

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_794911-1_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_794911-1_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_794911-1_A1.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794911-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_794911-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794911-1_B.3d_stp.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English