



Connectors > Power Connectors > Circular Power > Circular Power Connectors

Connector Product Type: **Housing**Operating Voltage: **600 VDC**Connector System: **Wire-to-Wire**Number of Positions: **6**Sealable: **No**

Features

Product Type Features

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

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	Pin
Contact Current Rating (Max)	20 A



Contact Protection	Without
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Mechanical Attachment

Panel Feedthrough	No
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Alignment	With
Mating Retention	With
Panel Mount Feature	Without
Mating Alignment Type	Polarization
Mating Retention Type	Latch

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-0, UL 94V-2
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Packaging Features

Packaging Method	Package
Packaging Quantity	1

Other

Comment	AC or DC Current, Uses standard MATE-N-LOK contacts., Will pass through 7/8 inch knockout.
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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 2022 (224)

Candidate List Declared Against: JUNE 2022 (224)

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

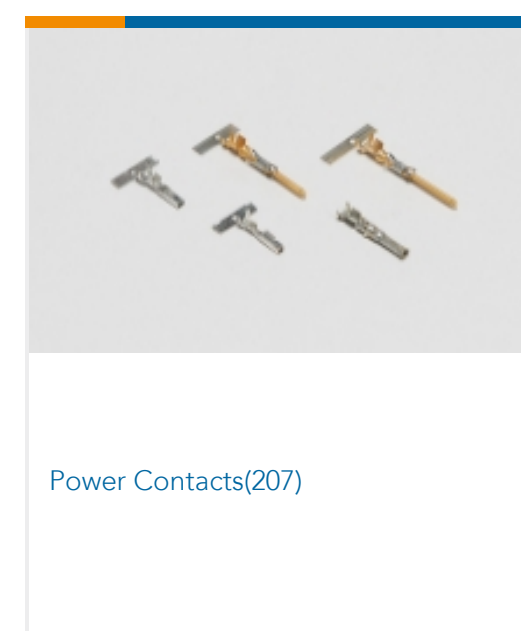
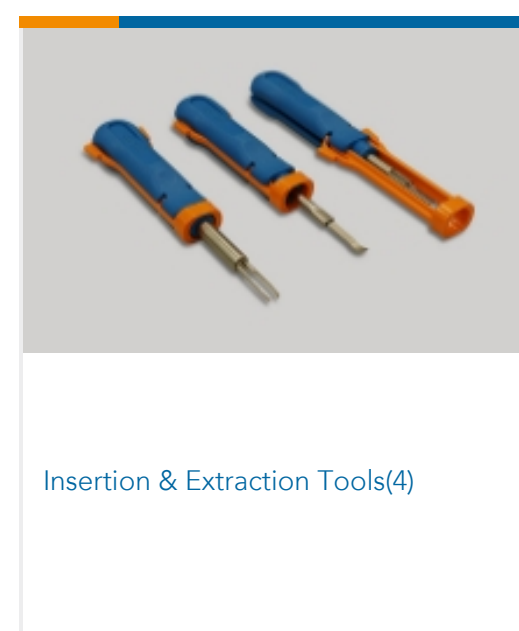
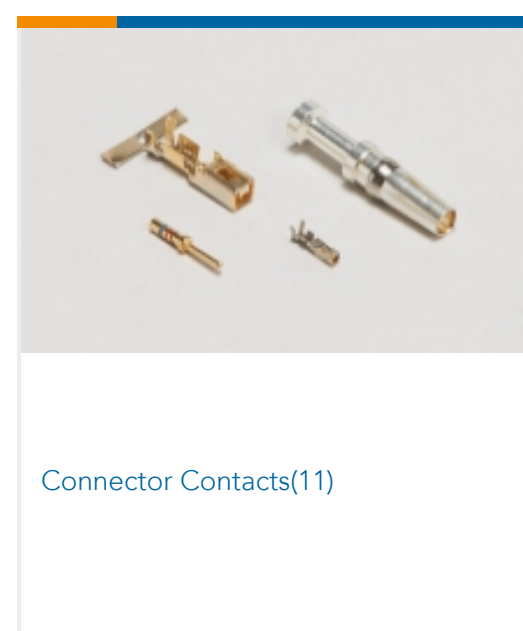
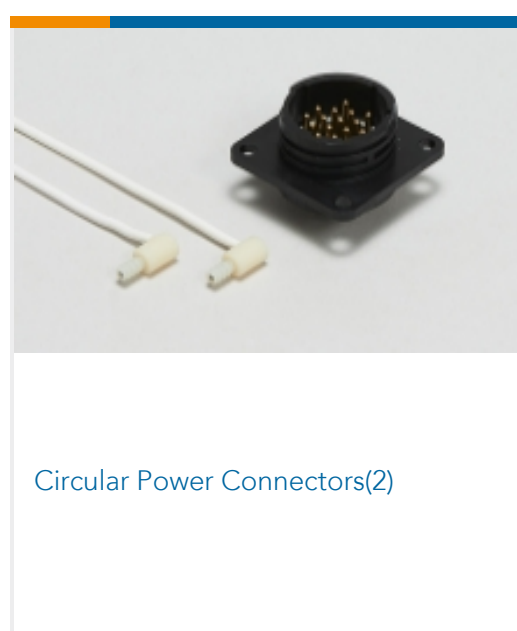
Product Compliance Disclaimer

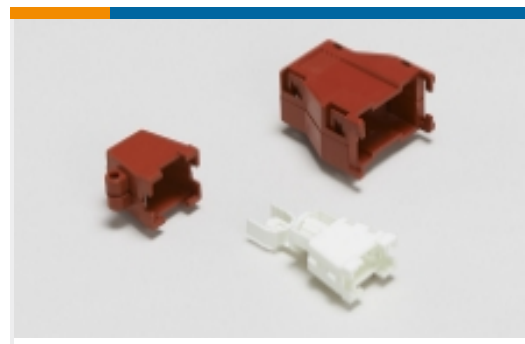
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Also in the Series | Universal MATE-N-LOK

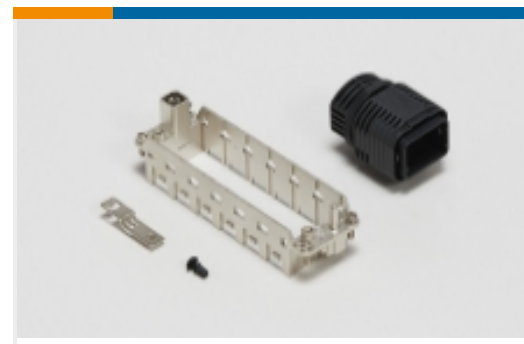




Rectangular Boots & Strain Relief(35)



Rectangular Connector Adapters(7)



Rectangular Connector Hardware(1)



Rectangular Connector Housings(2)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(729)

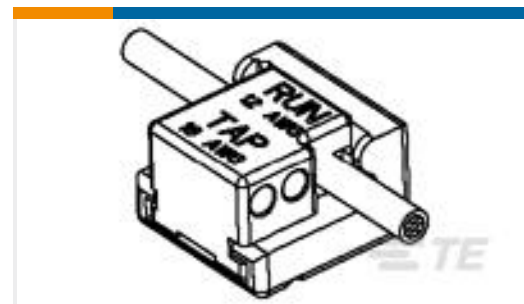
Customers Also Bought



TE Part #172332-1
MINI UNIVERSAL MATE-N-LOK CAP HOUSING 9P



TE Part #3-520402-2
ULTRA-FAST 187 ASY REC 16-14 AWG TPBR



TE Part #1811027-1
ASSEMBLY, 12AWG TAP



TE Part #61794-4
RING 18-14 AWG BR



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



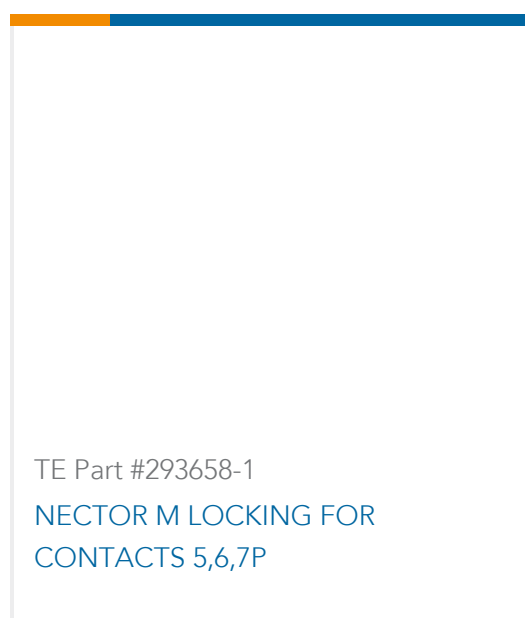
TE Part #8-322994-1
TERMINAL, PG SPD 16-14 6



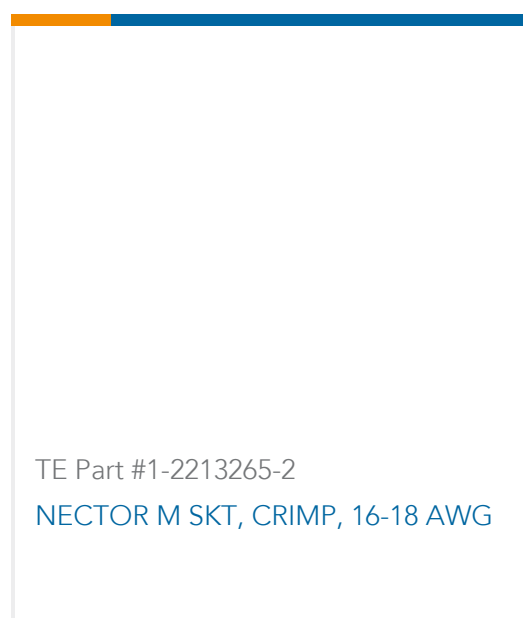
TE Part #2213263-1
NECTOR M SKT HSG ASSY, PM, 7P CODE A



TE Part #2213392-1
NECTOR M PIN HOUSING, PANEL, 7P, CODE A



TE Part #293658-1
NECTOR M LOCKING FOR CONTACTS 5,6,7P



TE Part #1-2213265-2
NECTOR M SKT, CRIMP, 16-18 AWG

Documents



Product Drawings

6 POS UMNL CIR CAP HSG

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_794912-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794912-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794912-1_C.3d_stp.zip](#)

English

3D PDF

English

Customer View Model

[ENG_CVM_794912-1_B1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_794912-1_B1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_794912-1_B1.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Environmental Compliance

MD_794912-1_061120181019_dmtec

English

MD_794912-1_061120181019_dmtec

English

Agency Approvals

UL Report

English