

794911-1 ✓ ACTIVE

MATE-N-LOK | Universal MATE-N-LOK

TE Internal #: 794911-1

Housing, 600 VDC, Wire-to-Wire, 6 Position, Wire & Cable, Plug, Socket, Power, Natural, Nylon, Universal MATE-N-LOK, Circular Power Connectors

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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	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
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Mechanical Attachment

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

Housing Color	Natural
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Housing Material	Nylon
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Usage Conditions

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

Circuit Application	Power
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Shielded	No
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Industry Standards

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

Packaging Quantity	1
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Packaging Method	Package
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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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

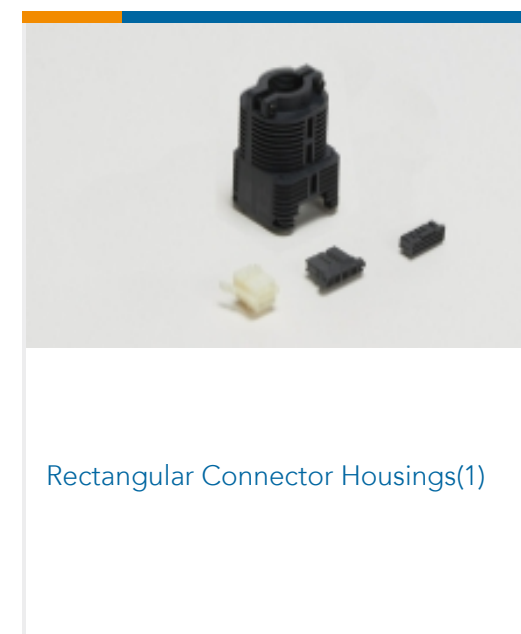
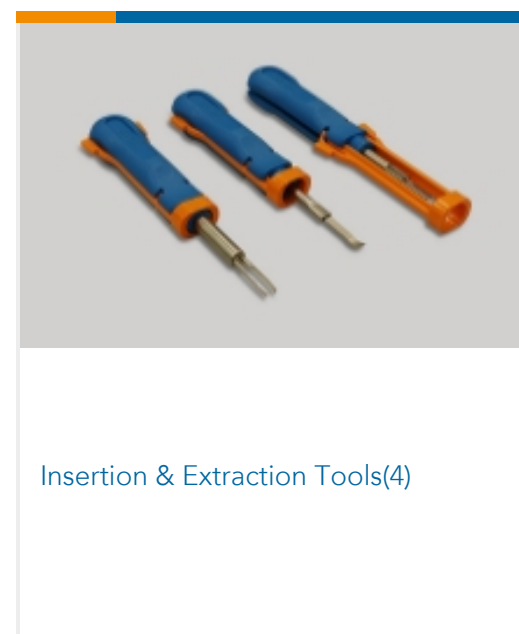
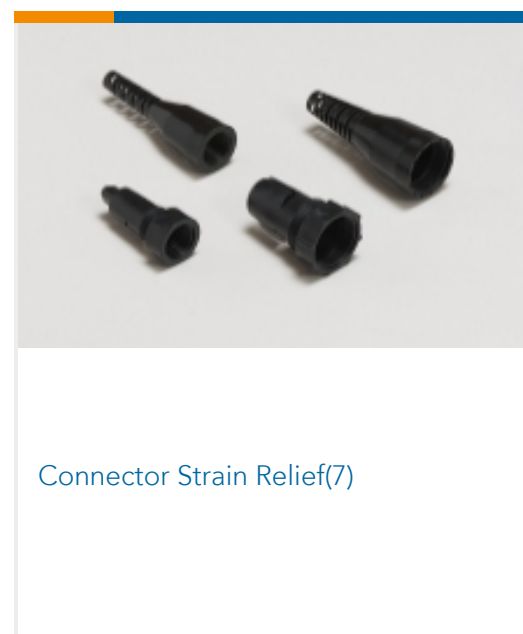
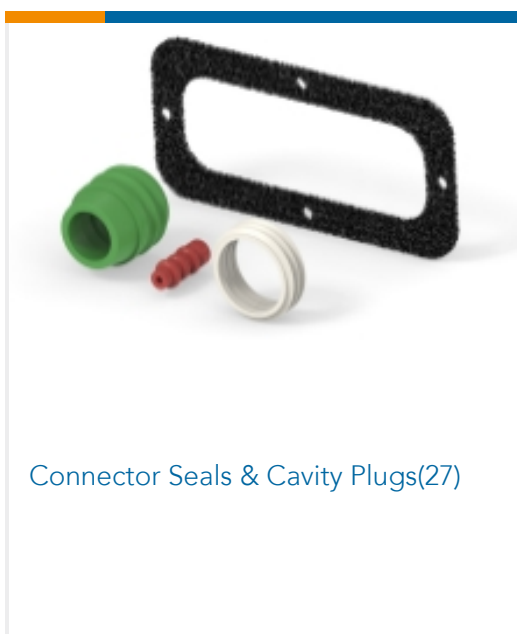
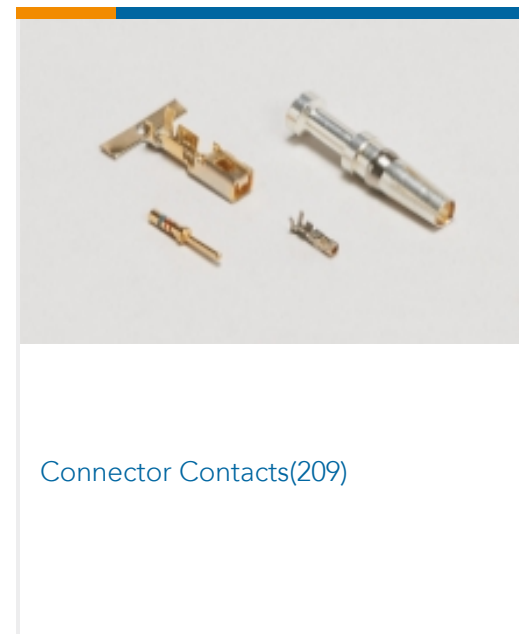
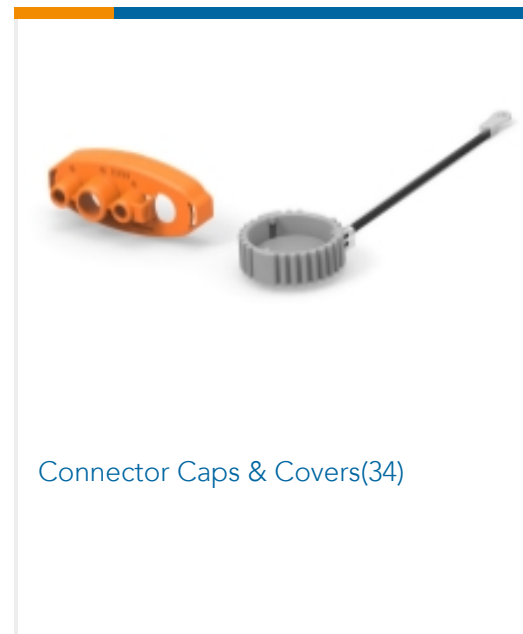
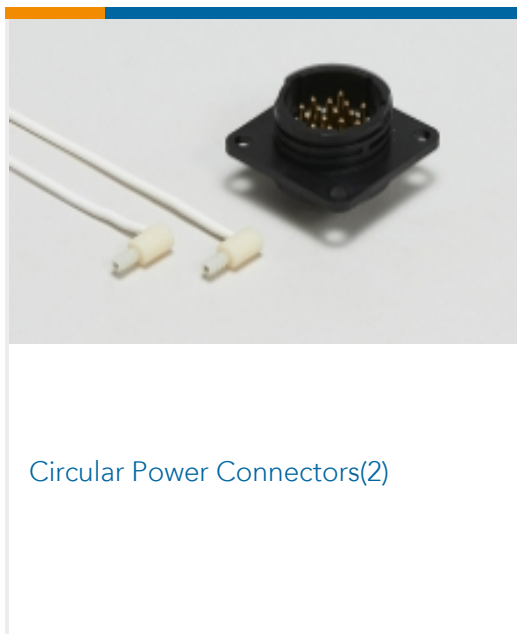
Product Compliance Disclaimer

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 Power Connectors(670)



Standard Circular Connectors(1)

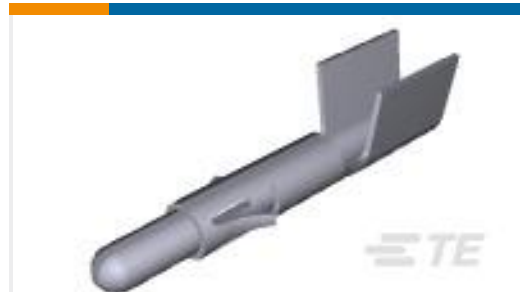
Customers Also Bought



TE Part #770849-7
07P SL156 HSG W/LCK RMP & TABS



TE Part #20006465-00
PRESS XDCR M32JM-000105-100PG



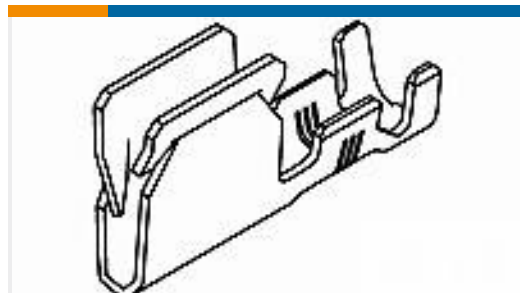
TE Part #350922-3
PIN, MATE-N-LOK, UMNL



TE Part #41531
250 FASTON FLAG REC 18-12 AWG BR



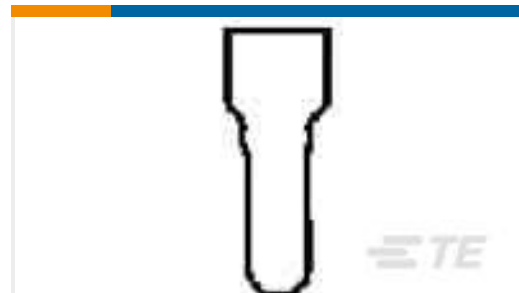
TE Part #60772-2
RING CRIMP 18-14 AWG TPBR



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



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



TE Part #55929-1
SPLICE WIRE CE BLACK 22-10



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



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

Documents

Product Drawings

6 POS UMNL CIR 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