794816-2 ✔ ACTIVE

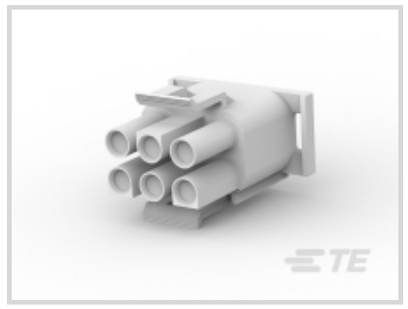
MATE-N-LOK | Universal MATE-N-LOK

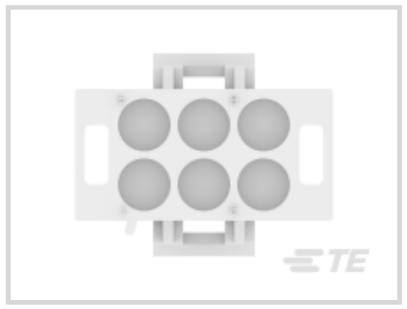
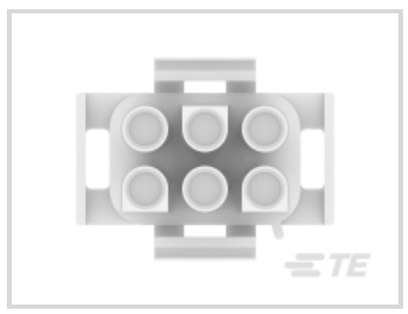
TE Internal #: 794816-2

Universal MATE-N-LOK, Rectangular Power Connectors, Housing, Plug, Wire-to-Wire / Wire-to-Board, 6 Position, 6.35mm [.25in] Centerline, Wire & Cable

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board, Wire-to-Wire**

Number of Positions: **6**

Centerline (Pitch): **6.35 mm [.25 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Multiple Contact Types	Without
Contact Layout	Matrix
Contact Retention Within Housing	Without

Contact Type	Pin

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	6.35 mm[.25 in]
Housing Color	Natural
Housing Material	Nylon

Dimensions

Row-to-Row Spacing	6.35 mm[.25 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Assembly Integration Feature	Without
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-2
Glow Wire Rating	GWT 750°C (Without Flame)
UL Rating	Recognized
Agency/Standard Number	E28476
VDE Tested	Yes
Agency/Standard	UL

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Other

For Use With	Appropriate Universal MATE-N-LOK Cap or Header

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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



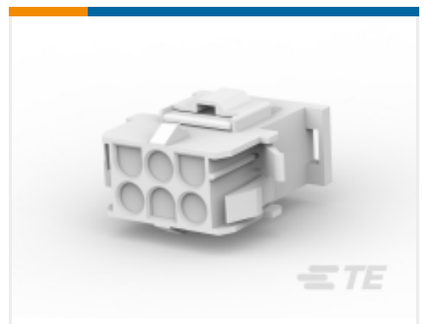
TE Part # 1-480705-2
06P UNML CAP HSG RED



TE Part # 1644055-1
UNIV MATE-N-LOK HOUSING 6W



TE Part # 1586860-1
06P UMNL CAP HSG, GW



TE Part # 770027-1
06P UMNLII IN-LINE CAP HSG KIT



TE Part # 926682-3
06P UNIV.M-N-L.HSG.



TE Part # 1586846-1
06P UMNL PLUG HSG NATL, GW



TE Part # 1-480705-9
06P UMNL CAP HSG BLK



TE Part # 350715-1
06P UMNL PLUG HSG



TE Part # 1-480705-0
06P UMNL CAP HSG NATL



TE Part # 794536-1
06P UMNL CAP HSG 150C BLK



TE Part # 794096-1
06P UMNL PLUG



TE Part # 2178773-1
UMNL 6 WAY CAP HOUSING



TE Part # 794760-1
06P UMNL CAP HSG WHTE,PAN MNT



TE Part # 794714-1
06P UMNL CAP HSG NATL,PAN MNT



TE Part # 2-480705-0
06P UMNL CAP HSG NATL



TE Part # 770051-1
06P UMNL II CAP-FRONT 94VO



TE Part # 770052-1
06P UMNL II CAP REAR 94VO



TE Part # 926682-1
UNIVERSAL M-N-L CAP 6 POS



TE Part # 350781-1
06P UMNL CAP HSG



TE Part # 1-480704-9
06P UMNL PLUG HSG BLK

Also in the Series | Universal MATE-N-LOK



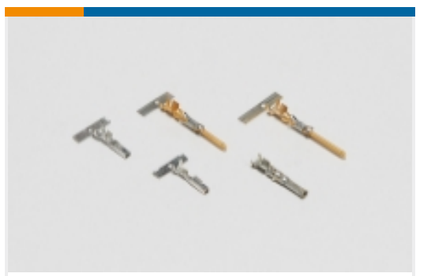
Circular Power Connectors(2)



Connector Contacts(11)



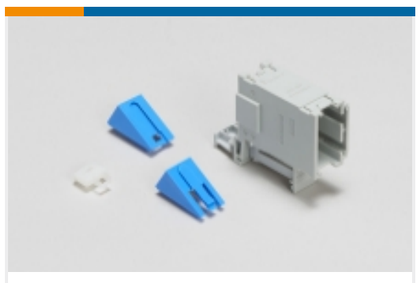
Insertion & Extraction Tools(4)



Power Contacts(207)



Rectangular Boots & Strain Relief(35)



Rectangular Connector Adapters(7)



Rectangular Connector Housings(2)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(725)

Customers Also Bought



TE Part #1-66332-4
TYPE III CONTACTS STRIP



TE Part #1-746610-8
34 DIP PLUG, 100CL, LEAD FREE



TE Part #1586860-1
06P UMNL CAP HSG, GW



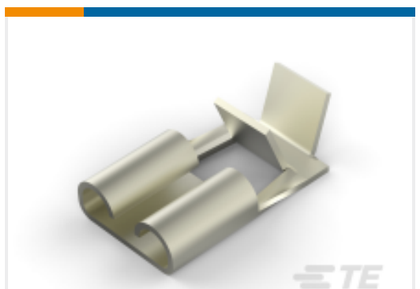
TE Part #1551099-1
Vert.Male, Telcordia Pre-post 1x



TE Part #E21108-000
HX-SCE LOW FIRE HAZARD SLEEVES



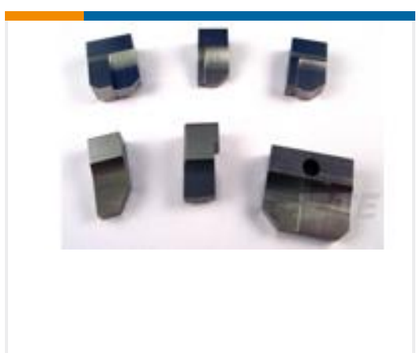
TE Part #140546
RING TONGUE 18-14 .236X.390 ELCTRO TPBR



TE Part #1217972-2
250 FASTON,FLAG,REC.,18-14 AWG, NPST

TE Part #1385303-1
ULTRA POD.250 9SAPR130F210O LM

TE Part #1385725-1
.187 FLAG ULTRA POD



TE Part #1633080-3
ANVIL, INSERT

Documents

Product Drawings

06P UMNL PLUG, GWI-V2

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794816-2_A_c-794816-2-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_794816-2_A_c-794816-2-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794816-2_A_c-794816-2-a.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

VDE Certificate

English