8-794535-1 ✔ ACTIVE

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

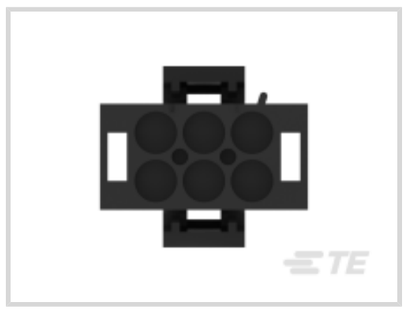
TE Internal #: 8-794535-1

Universal MATE-N-LOK, Rectangular Power Connectors, Housing, Plug, Wire-to-Board / Wire-to-Wire, 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

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

Contact Type	Pin

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Row-to-Row Spacing	6.35 mm[.25 in]
Width	13.97 mm[.549 in]
Height	27.43 mm[1.08 in]
Length	27.43 mm[1.079 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Assembly Integration Feature	Without
Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	Without

Industry Standards

CSA Rating	Certified
UL Flammability Rating	UL 94V-2
Glow Wire Rating	GWT 750°C (Without Flame)
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR 7189
VDE Tested	Yes

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



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



TE Part # 1-480710-9
15P UMNL PLUG HSG BLK



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



TE Part # 794901-1
03P UMNL HI TEMP PLUG HSG



TE Part # 794535-1
06P UMNL PLUG HSG 150C BLK



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 # 1586887-1
06P UMNL CAP HSG, P/M, GW

Also in the Series | Universal MATE-N-LOK



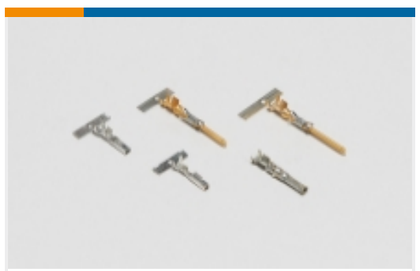
Circular Power Connectors(2)



Connector Contacts(11)



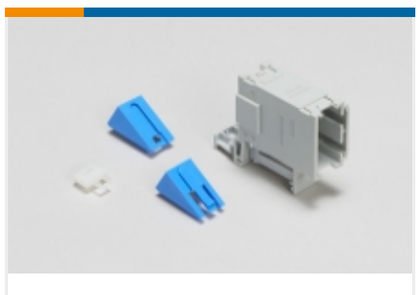
Insertion & Extraction Tools(4)



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)



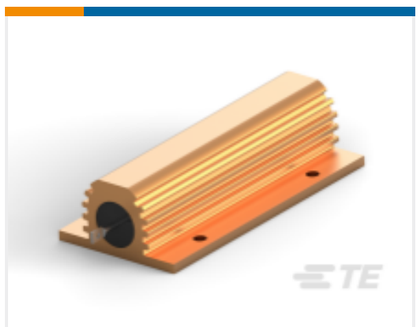
Rectangular Power Connectors(725)

Customers Also Bought



TE Part #1735482-2

Free Height Receptacle Conn: Board-Board, Vertical, 60, 0.8mm



TE Part #3-1630027-2

Power Resistors: Aluminum Housed, HSC



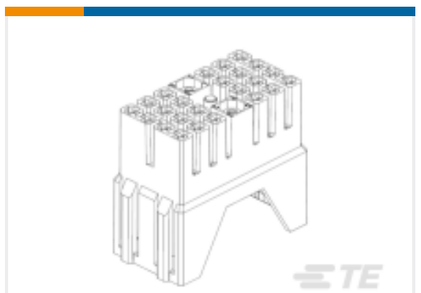
TE Part #926895-7

UNIVERSAL M-N-L SOCKET



TE Part #1614770-4

Resistor Power BDS2A250



TE Part #284874-1

24 POS PLUG HOUSING ASS'Y



TE Part #4-1393243-2

RT423024



TE Part #55992-1

AMPOWER TERMINAL 2 STUD HOLES



TE Part #1241390-2

AMP MCP, RECEPTACLE AND TAB



TE Part #ASA158F12390235000
623 PLUG



TE Part #ZPF000000000205388
CONTACT FEMALE CAL.20, M12 - FXP

Documents

Product Drawings

06P UMNL PLUG HSG 150C BLK, SP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_8-794535-1_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_8-794535-1_A1.3d_stp.zip

English

Customer View Model

ENG_CVM_8-794535-1_A1.2d_dxf.zip

English

3D PDF

English

Customer View Model

ENG_CVM_CVM_8-794535-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-794535-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-794535-1_B.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English