1586844-1 ✔ ACTIVE

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

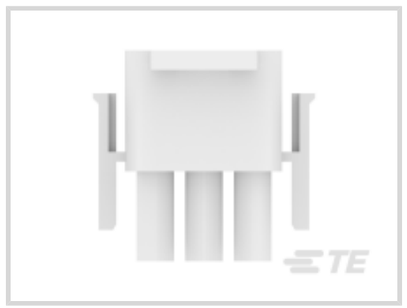
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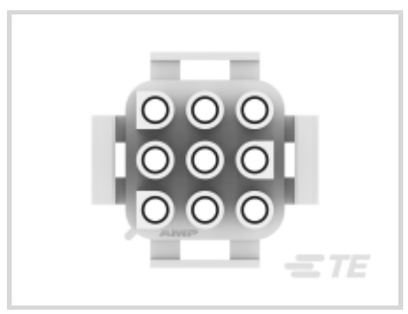
Universal MATE-N-LOK, Rectangular Power Connectors, Housing, Plug, Wire-to-Board / Wire-to-Wire, 9 Position, 6.35mm [.25in] Centerline, Wire & Cable

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: **9**

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	9
Number of Rows	3

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

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

Contact Type	Socket

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]
	.03 – .09 in

Usage Conditions

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

Operation/Application

Assembly Integration Feature	Without
Circuit Application	Power & Signal

Industry Standards

CSA Rating	Certified
UL Flammability Rating	UL 94V-2
Glow Wire Rating	GWT 750°C (Without Flame)
UL Rating	Recognized
Agency/Standard Number	E28476
CSA File Number	LR7189
VDE Tested	Yes
Agency/Standard	CSA, 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 # 770028-1
09P UMNLII IN-LINE CAP HSG KIT



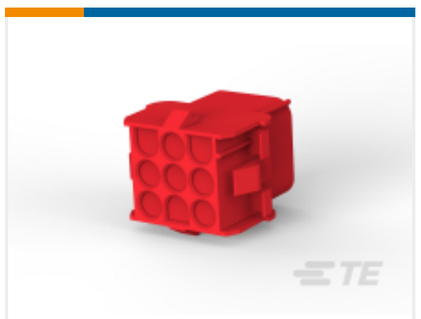
TE Part # 927231-3
HONHUS UMNL V0 9-P



TE Part # 350782-1
09P UMNL CAP HSG



TE Part # 770053-1
09P UMNL II CAP-FRONT 94VO



TE Part # 1-480707-2
09P UMNL CAP HSG RED



TE Part # 770054-1
09P UMNL II CAP REAR 94VO



TE Part # 1-480707-9
09P UMNL CAP HSG BLK



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



TE Part # 2-480708-0
12P UMNL PLUG HSG NATL



TE Part # 927231-7
UMNL 9 WAY CAP HOUSING



TE Part # 794899-1
04P UMNL HI TEMP PLUG HSG



TE Part # 2-480706-0
09P UMNL PLUG HSG NATL



TE Part # 794096-1
06P UMNL PLUG



TE Part # 794761-1
09P UMNL CAP HSG WHTE,P/MT,V0



TE Part # 2-480707-0
09P UMNL CAP HSG NATL HOT/STMP



TE Part # 1586848-1
12P UMNL PLUG HSG, GW



TE Part # 1-480707-1
09P UMNL CAP HSG BRN



TE Part # 1-480706-2
09P UMNL PLUG HSG RED



TE Part # 1-350782-9
09P UMNL V0 CAP HSG BLACK



TE Part # 1863003-1
09P UMNL PLUG HSG

Also in the Series | Universal MATE-N-LOK



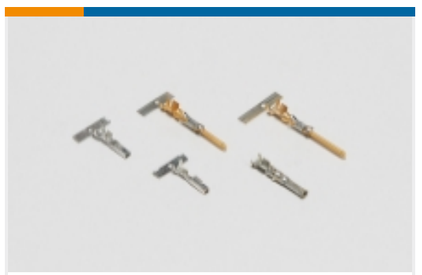
Circular Power Connectors(2)



Connector Contacts(11)



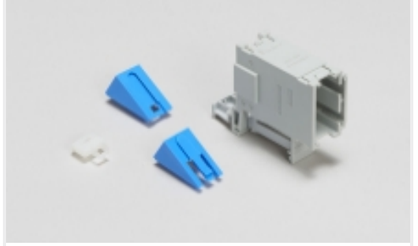
Insertion & Extraction Tools(4)



Power Contacts(207)



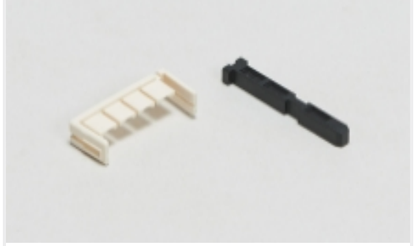
Rectangular Boots & Strain Relief(35)



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)

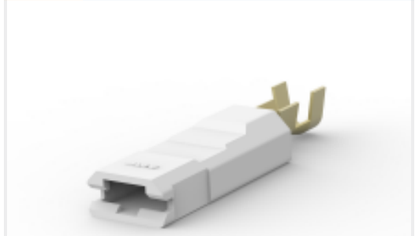
Customers Also Bought



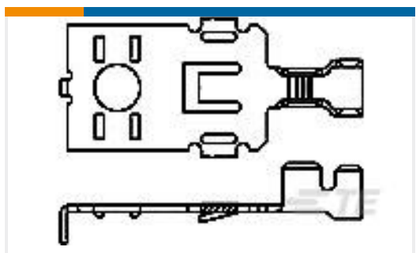
TE Part #60546-1
EXTRUDED RING CRIMP 18-14 AWG BR



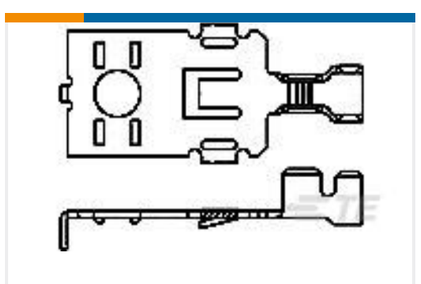
TE Part #63617-1
FASTON 250 RECEPTACLE 12-10 AWG BR



TE Part #1969206-1
ULTRA POD: Straight, Receptacle Assembly, Unplated, .250 inch



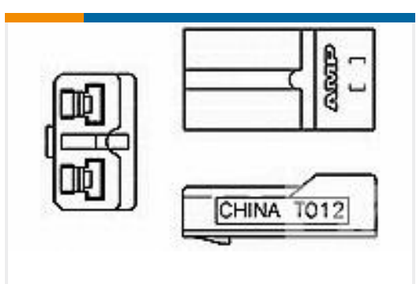
TE Part #63166-5
POWER RING,TERMINAL 16-12 AWG PTPBR



TE Part #63166-4
POWER RING,TERMINAL 16-12 AWG BR



TE Part #5-1241961-8
3POS STD-TIMER HOUSING PITCH5 MK II



TE Part #521073-2
PLUG .125 HOUSING NYLON 66/6



TE Part #521163-2
POWER BLADE HSG 12P NYLON BLACK



TE Part #63498-2
PL MKII 187 REC 20-16AWG BR



TE Part #794745-1
15P UMNL CAP HSG BLACK

Documents

Product Drawings

09P UMNL PLUG HSG NATL, GW

English

CAD Files

Customer View Model

ENG_CVM_1586844-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_1586844-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_1586844-1_A.2d_dxf.zip

English

3D PDF

English

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Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English