350851-7 ✔ ACTIVE

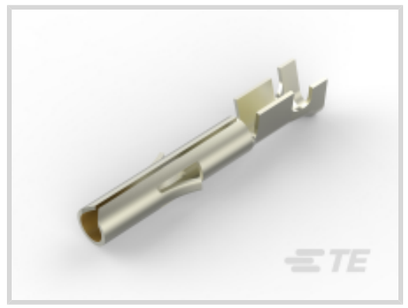
MATE-N-LOK | Universal MATE-N-LOK

TE Internal #: 350851-7

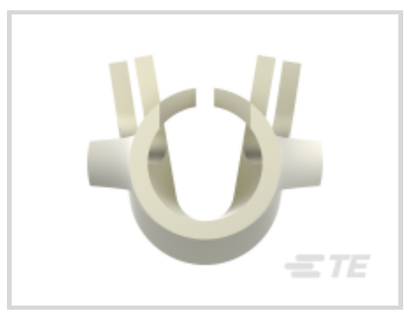
Universal MATE-N-LOK, Power Contacts, Contact, Operating Voltage 600 VAC, Gold, 24 – 18AWG Wire Size, .2 – .8mm² Wire Size, Wire-to-Wire, Wire & Cable

View on TE.com >

Connectors > Power Connectors > Power Contacts







Power Contact Type: **Contact**

Operating Voltage: **600 VAC**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.2 – .8 mm²**

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	19 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	2.13 mm[.084 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material	Nickel

Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Connector Mounting Type	Cable Mount (Free-Hanging)
Wire Insulation Support	Without

Dimensions

Wire Size	.2 – .8 mm²
Accepts Wire Insulation Diameter Range	1.02 – 2.54 mm[.04 – .1 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

CSA Rating	Certified
Glow Wire Rating	Standard Part - Not Glow Wire
VDE Tested	Yes
Agency/Standard	CSA, UL
CSA File Number	LR 7189
UL Rating	Recognized
UL File Number	E28476

Packaging Features

Packaging Method	Reel
Packaging Quantity	7500

Other

Wire/Cable Type	Discrete Wire
Wire Type	Stranded

For Use With	Universal MATE-N-LOK Plug or Cap Housing

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

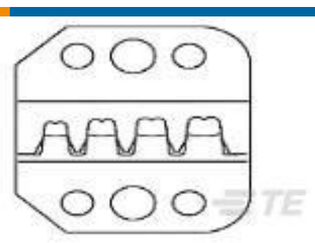
Product Compliance Disclaimer

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 # 91510-1
CCII UNML UNML II PIN SKT 24-18 ASSY



TE Part # 90548-2
PROCRIMPER DIE ASSY UNIV MNL



TE Part # 1804030-1
EXTRACTION TOOL ASSY



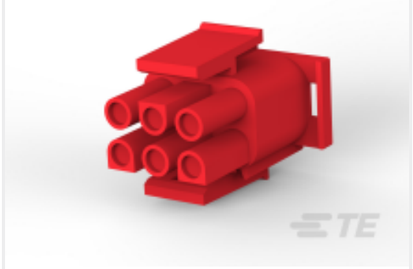
TE Part # 1-480705-2
06P UNML CAP HSG RED



TE Part # 1-480708-9
12P UMNL PLUG HSG BLK



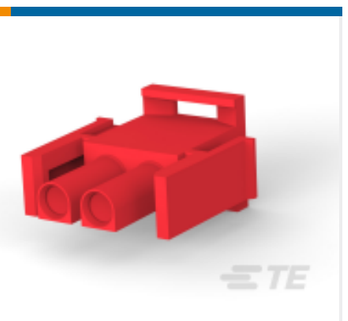
TE Part # 926307-3
6P UN-MNL AUFN-GEH



TE Part # 1-480704-2
06P UMNL PLUG HSG RED



TE Part # 926302-1
10& UNIV.M-N-L.PLUG



TE Part # 1-350777-2
02P UMNL V0 PLUG HSG RED



TE Part # 350783-1
12P UMNL CAP HSG



TE Part # 1-350778-9
02P UMNL V0 CAP HSG BLACK



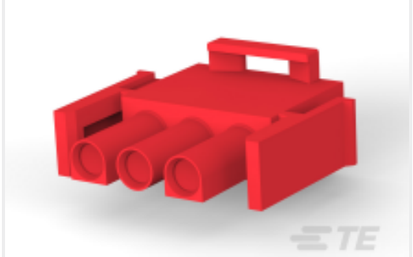
TE Part # 350735-1
12P UMNL PLUG HSG



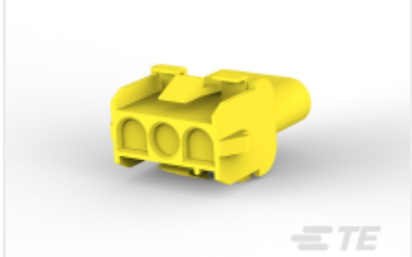
TE Part # 926302-3
10P UN-MNL STECKGEH



TE Part # 926308-3
8P UN-MNL AUFN-GEH



TE Part # 1-350766-2
03P UMNL V0 PLUG HSG RED



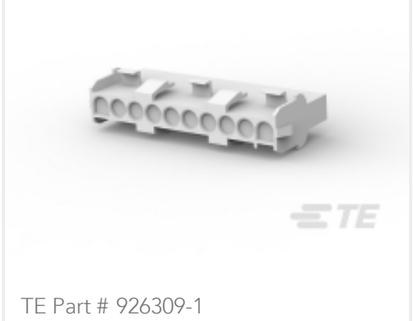
TE Part # 1-480701-4
03P UMNL CAP HSG YELL



TE Part # 640585-1
06P UMNL PLUG HSG V2 NATL



TE Part # 926308-1
8P UNIV.M-N-L.CAP



TE Part # 926309-1
10P UNIV.M-N-L.CAP



TE Part # 1-480703-9
04P UMNL CAP HSG BLK

Also in the Series | Universal MATE-N-LOK



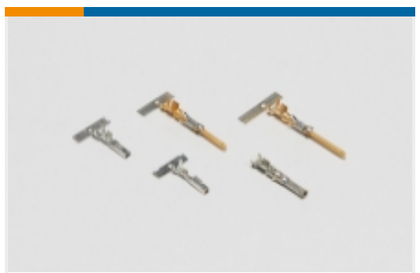
Circular Power Connectors(2)



Connector Contacts(11)



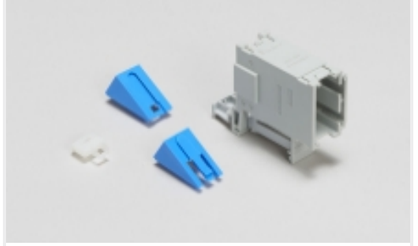
Insertion & Extraction Tools(4)



Power Contacts(207)



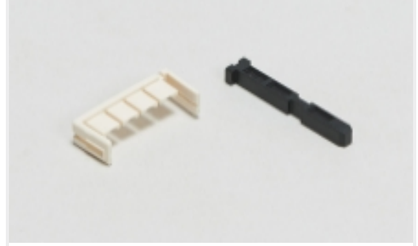
Rectangular Boots & Strain Relief(35)



Rectangular Connector Adapters(7)



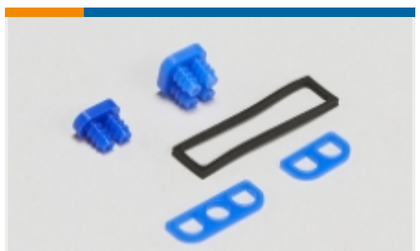
Rectangular Connector Housings(2)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(725)

Customers Also Bought



TE Part #1738494-1
250 FASTON HSG.,REC.,NATRUAL



TE Part #1969110-2
ULTRA POD: Flag, Receptacle Assembly, Tin Plated, .250 inch



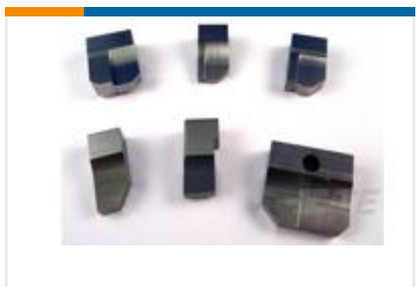
TE Part #YDTS20W25-61SNV001
D38999: Square Flange, 25-61 insert



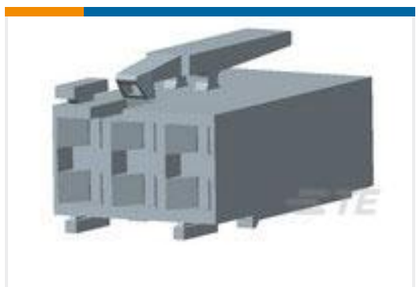
TE Part #1385580-1
HINGEBAR EMPO200TABLOCK210O



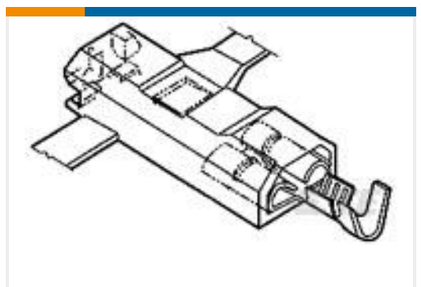
TE Part #1-240651-6
BLADE, SLUG



TE Part #1-356038-5
ANVIL



TE Part #1955422-6
STANDARD TIMER MK2 HOUSING 3 POS



TE Part #1969207-1
ULTRA-POD 250 ASSY REC 18-14 AWG NPST



TE Part #2151745-1
OCEAN_2.0_APPLICATOR-S-090F130F



TE Part #1-1490019-0
CRIMPER, WIRE (.076" 'F')

Documents

Product Drawings

UMNL SOK 24-18 AUNIBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_350851-7_AL.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_350851-7_AL.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_350851-7_AL.3d_stp.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Engineering Report

English

Product Environmental Compliance

MD_350851-7_07072014925_dmtec

English

MD_350851-7_07072014925_dmtec

English

Agency Approvals

UL Report

English