770320-1 ✔ ACTIVE

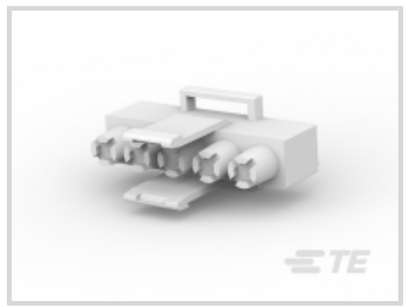
MATE-N-LOK | Universal MATE-N-LOK

TE Internal #: 770320-1

Universal MATE-N-LOK, Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 5 Position, 6.35mm [.25in] Centerline, Wire & Cable, UL 94V-0

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-Wire**

Number of Positions: **5**

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

Features

Product Type Features

Assembly Requirement	Unassembled Kit
Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	5
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Contact Layout	Inline
Multiple Contact Types	Without

Contact Retention Within Housing	Without
Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

	.845 in

Usage Conditions

Operating Temperature Range	-55 – 120 °C[-67 – 248 °F]

Operation/Application

Assembly Integration Feature	Without
Circuit Application	Power & Signal

Industry Standards

CSA Rating	Certified
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR7189
VDE Tested	Yes

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Other

For Use With	Standard Universal MATE-N-LOK

	Connectors

Product Compliance

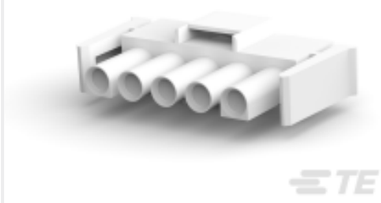
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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

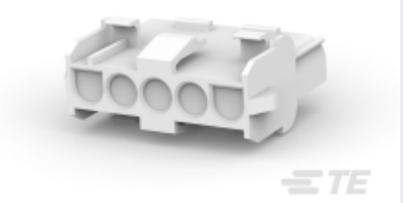
Product Compliance Disclaimer

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 # 770319-1
05P UMNLII PLUG HSG-FRONT 94VO



TE Part # 926306-5
UMNL 5 WAY CAP HSG

Also in the Series | Universal MATE-N-LOK



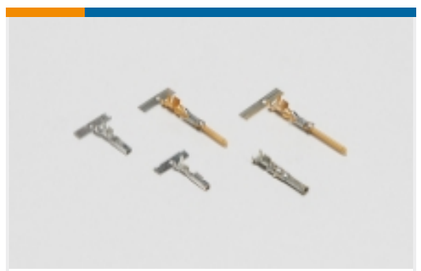
Circular Power Connectors(2)



Connector Contacts(11)



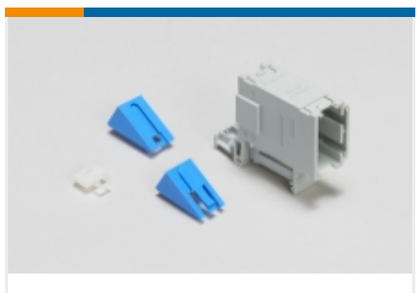
Insertion & Extraction Tools(4)



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)

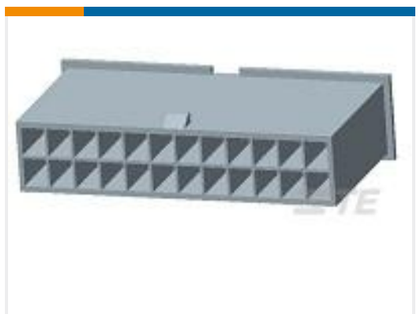


Rectangular Power Connectors(725)

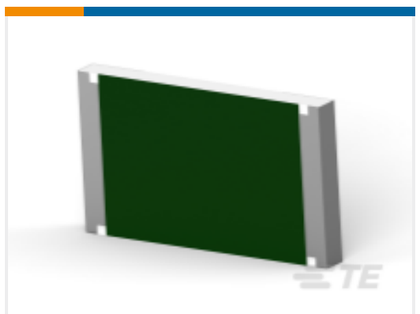
Customers Also Bought



TE Part #2322590-1
Panel Label



TE Part #2-2296206-2
22P FH PLUG VAL-U-LOK FH GWT/V0



TE Part #2-2176408-8
3560 47K 5%



TE Part #1969590-8
HSG, REC, PANEL MOUNT, SINGLE ROW,EP2.5



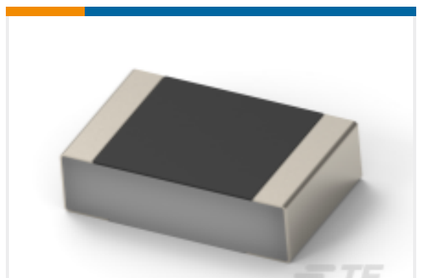
TE Part #2-282043-2
AMP MONO-SHAPE 3 POS P.C.B.CON



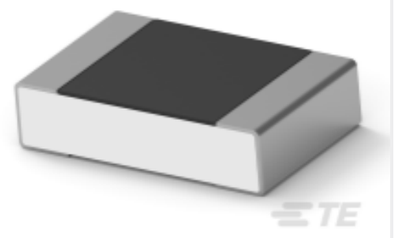
TE Part #2307813-8
8P,2MM,BB,REC,SRVT,SMD,0.1AU,TR, W/CP



TE Part #2355172-6
6P,2MM,BRK HDR,SRVT,2.8,0.1AU,BOX



TE Part #8-2176072-3
CPF 0201 357R 0.5% 25PPM 1K RL



TE Part #2-2176375-9
RQ 0805 2K26 0.1% 10PPM 1K RL

Documents

Product Drawings

05P UMNLII PLUG HSG REAR 94VO

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770320-1_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770320-1_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770320-1_P.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