1586305-1 ✔ ACTIVE

MATE-N-LOK | 0.140 MATE-N-LOK

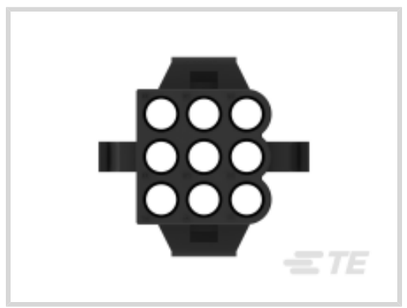
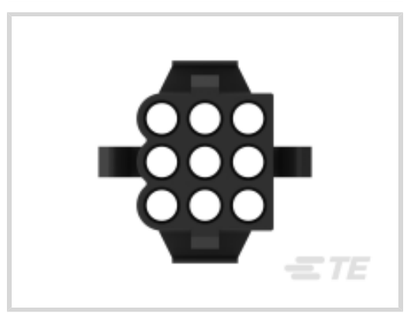
TE Internal #: 1586305-1

0.140 MATE-N-LOK, Rectangular Power Connectors, Housing, Plug, Wire-to-Panel / Wire-to-Wire, 9 Position, 6.1mm [.24in] 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-Panel, Wire-to-Wire**

Number of Positions: **9**

Centerline (Pitch): **6.1 mm [.24 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Panel, 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

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

Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Mounting Ears
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	6.1 mm[.24 in]
Housing Color	Black
Housing Material	Nylon

Dimensions

Row-to-Row Spacing	6.1 mm[.24 in]
Panel Thickness	1.02 – 1.78 mm[1.02 – 1.78 in]
Height	24.13 mm[.95 in]
Length	19.18 mm[.755 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °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	Standard Part - Not Glow Wire
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR7189

VDE Tested	No

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Other

For Use With	Pin (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 # 365046-1
09P.M-N-L.PIN HDR.



TE Part # 880686-2
.140 DIA SOCKET



TE Part # 926446-2
8P 3,5MM MNL BUGEH

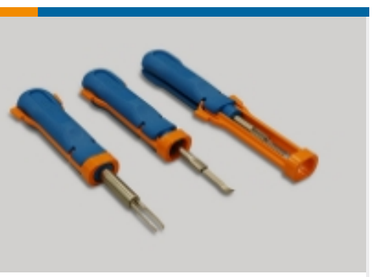


TE Part # 927109-1
3P 3,5MNL.ST.GEH RD

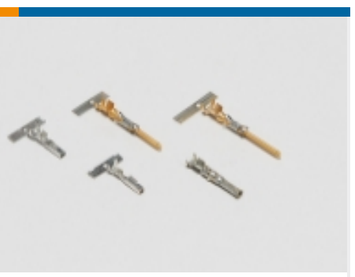
Also in the Series | 0.140 MATE-N-LOK



Connector Contacts(5)



Insertion & Extraction Tools(1)



Power Contacts(9)

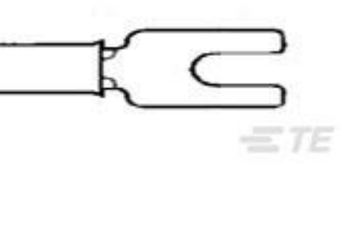


Rectangular Power Connectors(1)

Customers Also Bought



TE Part #2-292132-3
CT 2mm Post Header Asmbly: Box V DIP



TE Part #40521
SPADE TERMINAL 18-14 AWG TPBR



TE Part #2-34117-2
SOLIS SPD 22-16COMM 22-18MIL 8



TE Part #2-34118-2
SOLIS SPD 22-16COMM22-18MIL 10



TE Part #794683-1
09P .140 MNL CAP BLK HT



TE Part #5-2149521-1
STRADA MESA,RC,HF,000,000,06,SN,N,NA



TE Part #1803224-8
CRIMPER,WIRE F



TE Part #2-1803224-2
CRIMPER,WIRE F



TE Part #2150620-2
OCEAN_2.0_Applicator-E-090F140F



TE Part #2151495-2
OCEAN_2.0_APPLICATOR-S-140FA

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1586305-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1586305-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1586305-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Agency Approvals

Agency Approval Document

English