



MATE-N-LOK | Micro MATE-N-LOK

TE Internal #: 2029102-2

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Board, 2 Position, 3 mm [.118 in] Centerline, Wire & Cable, UL 94V-0, Micro MATE-N-LOK

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Number of Positions: **2**

Centerline (Pitch): **3 mm [.118 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Receptacle



Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	3 mm [.118 in]
Housing Color	Natural
Housing Material	Nylon

Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Identification Marking

Circuit Identification Feature	With
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Industry Standards

Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	6000
Packaging Method	Box & Tray, Tray

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per



homogenous material. Also BFR/CFR/PVC Free

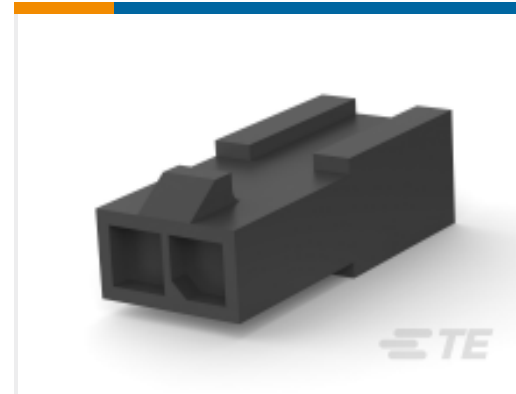
Solder Process Capability

Not applicable for solder process capability

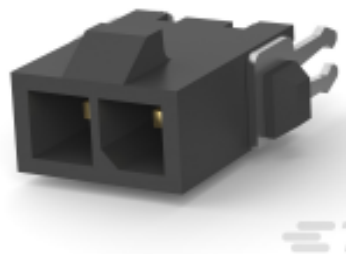
Product Compliance Disclaimer

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 # 2-1445098-2 MICRO MNL HDR ASSY S/ROW AU LF	 TE Part # 2-1445052-2 MICRO MNL HDR ASSY S/ROW LF	 TE Part # 2-1445057-2 MICRO MNL HDR ASSY SINGLE ROW	 TE Part # 1445049-2 FREE HANG SNGL ROW HSG 2 POS
 TE Part # 2-1445055-2 MICRO MNL HDR ASSY S/ROW LF	 TE Part # 1445048-2 PANEL MT SNGL ROW HSG 2 POS	 TE Part # 2-1445087-2 MICRO MNL HDR ASSY S/ROW AU LF	 TE Part # 2-1445096-2 MICRO MNL HDR ASSY SINGLE ROW
 TE Part # 2-1445050-2 MICRO MNL HDR ASSY S/ROW LF	 TE Part # 2008571-2 2 POS MICRO MNL, TOP LATCH, BL	 TE Part # 2-1445100-2 MICRO MNL HDR ASSY S/ROW LF	 TE Part # 2-1445053-2 MICRO MNL HDR ASSY S/ROW LF





TE Part # 2-1445094-2
MICRO MNL HDR ASSY S/ROW AU LF



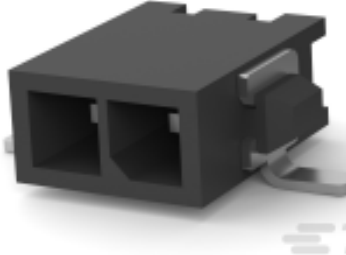
TE Part # 2-1445085-2
micro mnl hdr assy s/row au lf



TE Part # 2-1445093-2
MICRO MNL HDR ASSY S/ROW AU LF



TE Part # 2-1445091-2
MICRO MNL HDR ASSY S/ROW AU LF



TE Part # 2029030-2
2P MICRO MNL HDR ASSY SR SIDE L



TE Part # 2029076-2
2P MICRO MNL 1R RA HDR ASSY NAT



TE Part # 2-1445054-2
MICRO MNL HDR ASSY S/ROW LF



TE Part # 2-1445084-2
micro mnl hdr assy s/row au lf

Also in the Series | Micro MATE-N-LOK



Insertion & Extraction Tools(1)



Power Contacts(27)

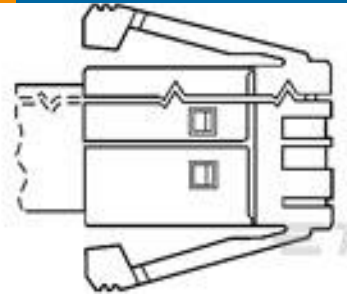


Rectangular Power Connectors(466)

Customers Also Bought



TE Part #1969442-3
EP 2.5 TPA Housing, 3 Pos



TE Part #1-1761184-3
8 SDL FLAT PLUG ASSY



TE Part #41291
250 FASTON,TAB,BR



TE Part #1337809-3
50 OHM COAX SMA STR PLUG STIR

TE Part #1-927995-1
TELFIX CONTACT

TE Part #928205-4
4P TELFIX BU-GEH

TE Part #829154-6
6P AMP-QUICK STLEI

TE Part #928205-3
3P TELFIX BU-GEH



Documents

Product Drawings

2P MICRO MNL RCPT SR SIDE WHT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2029102-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2029102-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2029102-2_B.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

MICRO MATE-N-LOK CONNECTOR SYSTEM

English

Product Specifications

Product Specification

English