1-1445022-2 ✔ ACTIVE

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

TE Internal #: 1-1445022-2

Micro MATE-N-LOK, Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire, 12 Position, 3mm [.118in] 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: **Receptacle**

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

Number of Positions: **12**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	12
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC

Contact Features

Contact Layout	Inline
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)	3 mm[.118 in]
Housing Color	Black
Housing Material	Nylon 66/6

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

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

Packaging Features

Packaging Method	Tray
Packaging Quantity	1

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

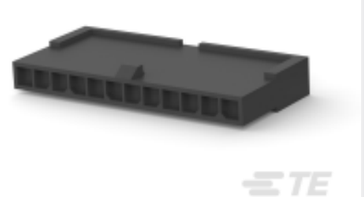
Product Compliance Disclaimer

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 # 2008570-4
4 POS MICRO MNL, SIDE LATCH, B



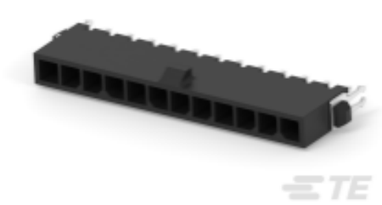
TE Part # 1-1445049-2
FREE HANG SNGL ROW HSG 12 POS



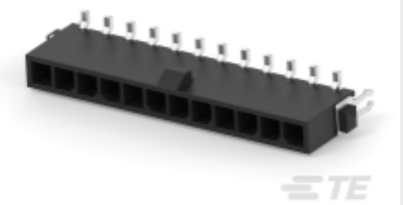
TE Part # 3-1445050-2
MICRO MNL HDR ASSY S/ROW LF



TE Part # 1-1445048-2
PANEL MT SNGL ROW HSG 12 POS



TE Part # 3-1445051-2
MICRO MNL HDR ASSY S/ROW LF



TE Part # 3-1445052-2
MICRO MNL HDR ASSY S/ROW LF



TE Part # 3-1445053-2
MICRO MNL HDR ASSY S/ROW LF



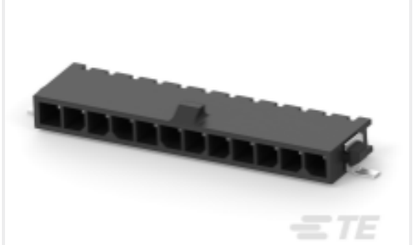
TE Part # 3-1445054-2
MICRO MNL HDR ASSY S/ROW LF



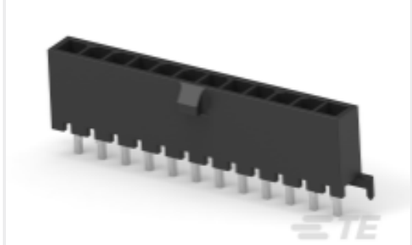
TE Part # 3-1445055-2
MICRO MNL HDR ASSY S/ROW LF



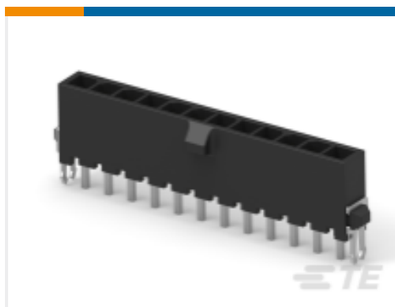
TE Part # 3-1445056-2
MICRO MNL HDR ASSY SINGLE ROW



TE Part # 3-1445057-2
MICRO MNL HDR ASSY SINGLE ROW



TE Part # 3-1445084-2
micro mnl hdr assy s/row au lf



TE Part # 3-1445085-2
micro mnl hdr assy s/row au lf



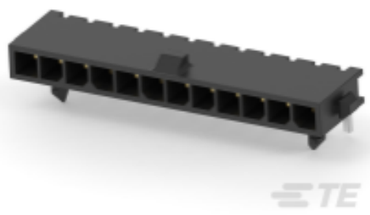
TE Part # 3-1445086-2
micro mnl hdr assy s/row au lf



TE Part # 3-1445087-2
MICRO MNL HDR ASSY S/ROW AU LF



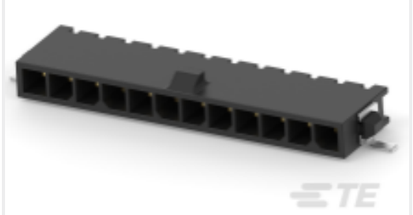
TE Part # 3-1445088-2
MICRO MNL HDR ASSY SNGL ROW LF



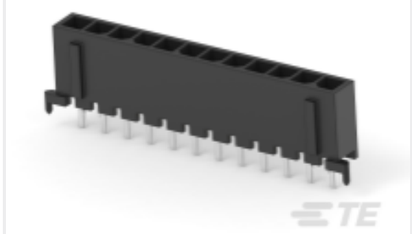
TE Part # 3-1445089-2
MICRO MNL HDR ASSY S/ROW AU LF



TE Part # 3-1445090-2
MICRO MNL HDR ASSY S/ROW AU LF

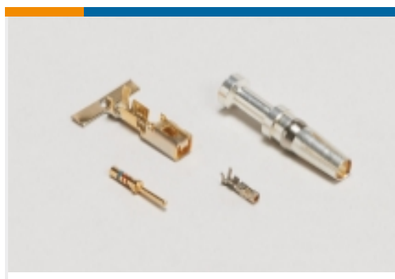


TE Part # 3-1445091-2
MICRO MNL HDR ASSY S/ROW AU LF



TE Part # 3-1445093-2
MICRO MNL HDR ASSY S/ROW AU LF

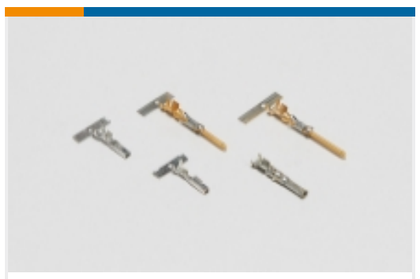
Also in the Series | Micro MATE-N-LOK



Connector Contacts(1)



Insertion & Extraction Tools(1)



Power Contacts(26)

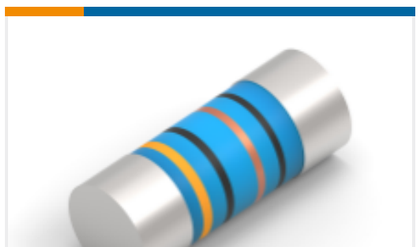


Rectangular Power Connectors(712)

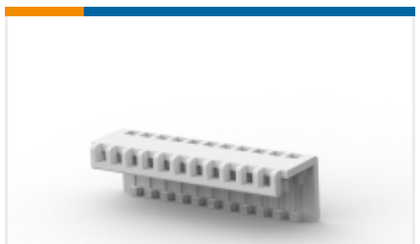
Customers Also Bought



TE Part #1-794617-2
12POS,MICRO MNL,RCPT HSG



TE Part #1-2176316-7
MELF SMA_A 2K2 0.1% 15PPM 0207 1W



TE Part #1-643077-4
Nylon PCB Connector Covers: 2.54 mm, MTA 100

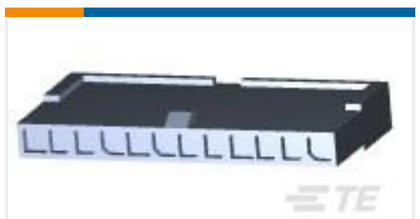


TE Part #1-104257-2
13 MTE RCPT HSG SR LATCH .100

Micro MATE-N-LOK, Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire, 12 Position, 3mm [.118in] Centerline, Wire & Cable, UL 94V-0



TE Part #1-1445022-0
MICRO MNL RFECEPT HSG SINGLE R



TE Part #1-1445049-2
FREE HANG SNGL ROW HSG 12 POS



TE Part #1-1445048-0
PANEL MT SNGL ROW HSG 10 POS



TE Part #1-1445048-2
PANEL MT SNGL ROW HSG 12 POS



TE Part #AS107-35SN
RECEPT. IN LINE TYPE 1 AS MICRO 7



TE Part #10213286-00
TSD305-1SL10 Digital Thermopile Sensor

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1-1445022-2_F1.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1-1445022-2_F1.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1-1445022-2_F1.3d_stp.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

1773458-4_MICRO_MATE_N_LOK_CONNECTOR_SYSTEM_QRG

English

Product Specifications

Application Specification

English

Agency Approvals

UL

English