1445022-7 ✔ ACTIVE

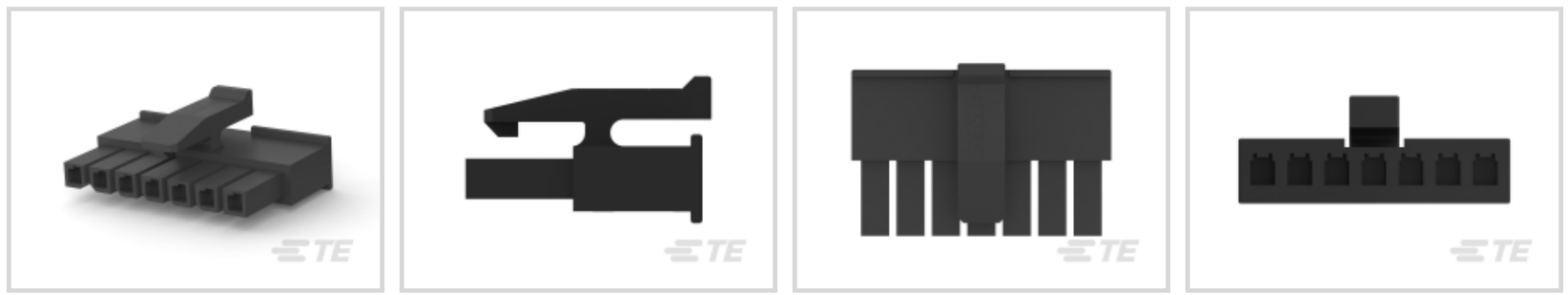
MATE-N-LOK | Micro MATE-N-LOK

TE Internal #: 1445022-7

Micro MATE-N-LOK, Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire, 7 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: **7**

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	7
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	2000

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

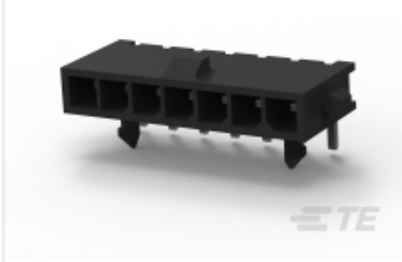
Compatible Parts



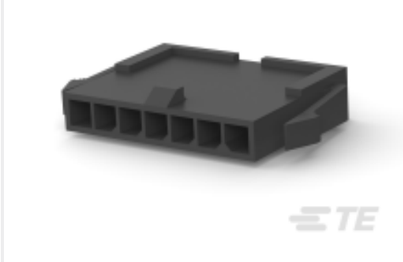
TE Part # 2-1445050-7
MICRO MNL HDR ASSY S/ROW LF



TE Part # 2-1445057-7
MICRO MNL HDR ASSY SINGLE ROW



TE Part # 2-1445055-7
MICRO MNL HDR ASSY S/ROW LF



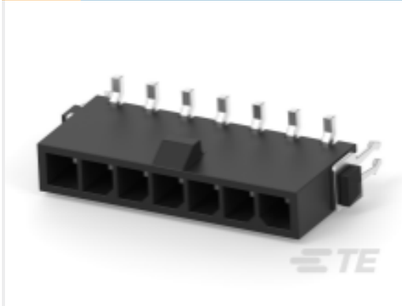
TE Part # 1445048-7
PANEL MT SNGL ROW HSG 7 POS



TE Part # 2-1445098-7
MICRO MNL HDR ASSY S/ROW AU LF



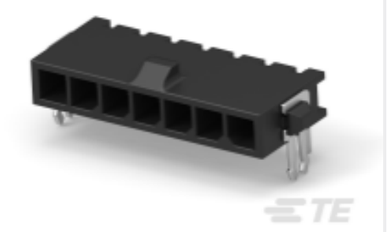
TE Part # 2-1445051-7
MICRO MNL HDR ASSY S/ROW LF



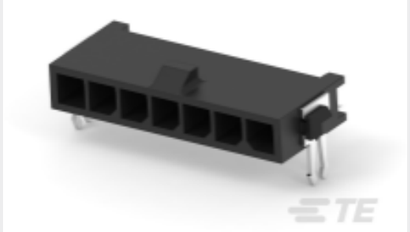
TE Part # 2-1445052-7
MICRO MNL HDR ASSY S/ROW LF



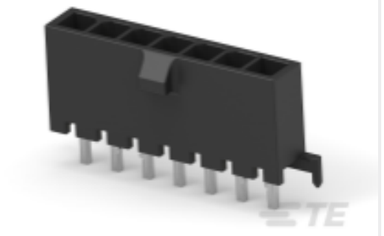
TE Part # 2-1445053-7
MICRO MNL HDR ASSY S/ROW LF



TE Part # 2-1445054-7
MICRO MNL HDR ASSY S/ROW LF



TE Part # 2-1445056-7
MICRO MNL HDR ASSY SINGLE ROW



TE Part # 2-1445084-7
micro mnl hdr assy s/row au lf



TE Part # 2-1445085-7
micro mnl hdr assy s/row au lf



TE Part # 2-1445086-7
micro mnl hdr assy s/row au lf



TE Part # 2-1445087-7
MICRO MNL HDR ASSY S/ROW AU LF



TE Part # 2-1445088-7
MICRO MNL HDR ASSY S/ROW AU LF



TE Part # 2-1445089-7
MICRO MNL HDR ASSY S/ROW AU LF



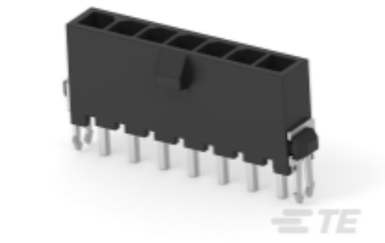
TE Part # 2-1445090-7
MICRO MNL HDR ASSY S/ROW AU LF



TE Part # 2-1445091-7
MICRO MNL HDR ASSY S/ROW AU LF



TE Part # 2-1445093-7
MICRO MNL HDR ASSY S/ROW AU LF



TE Part # 2-1445094-7
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 #91391-1
SDE PEW 12MICRO MNL HAND TOOL



TE Part #1445022-5
MICRO MNL RFECEPT HSG SINGLE R



TE Part #1-794610-1
MICRO MNL RPT CNT,LS PC 15AU L



TE Part #1-794617-0
10POS,MICRO MNL,RCPT HSG



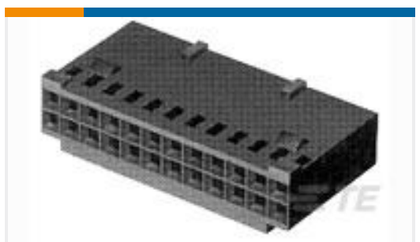
TE Part #1-794610-2
MICRO MNL RPT CNT,LS PC 30AU L



TE Part #1-794612-2
PIN CONT 20-24 30 GOLD L/P



TE Part #1-794613-1
PIN CONT 26-30 15 GOLD L/P



TE Part #1-87631-9
24 MODIV HSG COMP DR .100 POL



TE Part #1-794612-1
PIN CONT 20-24 15 GOLD L/P



TE Part #104078-2
40 SYSTEM 50 RCPT ASSY DRST

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1445022-7_F1.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1445022-7_F1.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1445022-7_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

Product Environmental Compliance

MD_1445022-7_06122018913_dmtec

English

MD_1445022-7_06122018913_dmtec

English

Agency Approvals

UL

English