1445048-4 ✔ ACTIVE

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

TE Internal #: 1445048-4

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire / Wire-to-Panel, 4 Position, 3 mm [.118 in] Centerline, Wire & Cable, Micro MATE-N-LOK

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: **4**

Centerline (Pitch): **3 mm [.118 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	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC

Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Pin

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Strain Relief	Without
Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
Panel Mount Feature	With
Panel Mount Feature Type	Locking Latch
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	3 mm[.118 in]
Housing Color	Black
Housing Material	Nylon 66/6

Dimensions

Panel Thickness (Recommended)	1.57 - 2.3 mm[.062 - .091 in]
Compatible Insulation Diameter (Max)	1.52 mm
Connector Height	16.89 mm
Product Width	3.86 mm
Product Length	12.85 mm
Wire Size	100.5 - 1022 CMA

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

CSA Rating	Certified, LR 7189
UL Rating	Recognized
Compatible With Agency/Standards Products	CNR, USR
Compatible With Approved Standards Products	UL E28476, VDE 40005280
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	1000
Packaging Method	Tray

Product Compliance

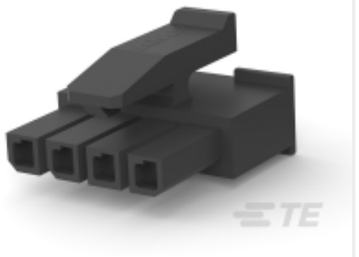
For compliance documentation, visit the product page on TE.com>

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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



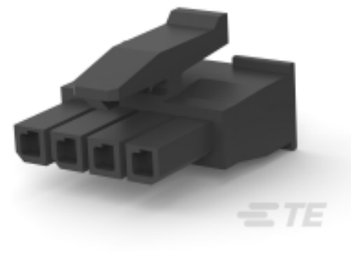
TE Part # 1445022-4
MICRO MNL RFECEPT HSG SINGLE R



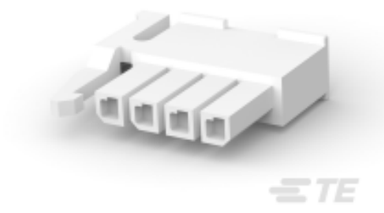
TE Part # 2008570-4
4 POS MICRO MNL, SIDE LATCH, B



TE Part # 2029047-4
4P MICRO MNL RCPT HSG SR SIDE



TE Part # 2008571-4
4 POS MICRO MNL, TOP LATCH, BL



TE Part # 2029102-4
4P MICRO MNL RCPT SR SIDE WHT



TE Part # 2315752-4
4P, MICRO MNL RCPT HSG SINGLE ROW, V0 GW

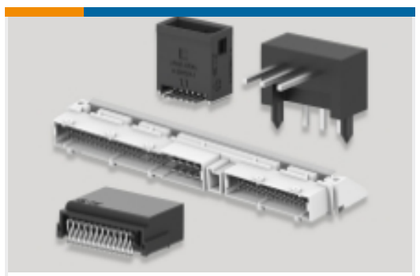
Also in the Series | Micro MATE-N-LOK



Connector Contacts(27)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(371)

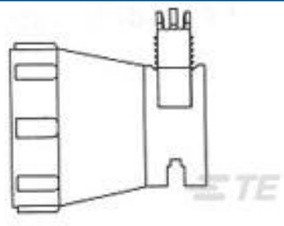


Rectangular Power Connectors(98)

Customers Also Bought



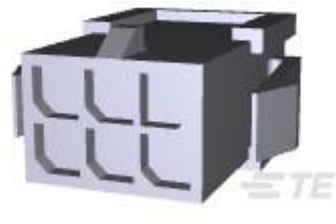
TE Part # 1445389-3
REC,8-4,FREE HG,LG INS,STD KEY



TE Part # 1445730-1
STRN RELIEF ASY,STRT SIZE 8



TE Part # 1445022-4
MICRO MNL RFECEPT HSG SINGLE R



TE Part # 794615-6
PANEL MT DBL ROW HSG 6 POS



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



TE Part # 350706-2
UMNL SPLIT PIN 24-18 AUBR L/P



TE Part # 794229-1
MINI UMNL2 SOK 22-18 AWG SN LP



TE Part # 91566-1
CCII EI SERIES PIN 26-20 ASSY



TE Part # 2-592404-1
5000-027-0020



TE Part # 1445022-7
MICRO MNL RFECEPT HSG SINGLE R

Documents

Product Drawings

PANEL MT SNGL ROW HSG 4 POS

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1445048-4_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_1445048-4_O.3d_igs.zip

English

Customer View Model

ENG_CVM_1445048-4_O.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1445048-4_B1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1445048-4_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1445048-4_B1.3d_stp.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

MICRO MATE-N-LOK CONNECTOR SYSTEM

English

Product Specifications

Application Specification

English