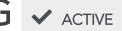
# 10POS,MICRO MNL,RCPT HSG ACTIVE



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

TE Part # 1-794617-0

TE Internal #: BACA-AMP-136

View on TE.com >



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors











Product Type: Housing Housing Type: Receptacle

Connector System: Wire-to-Board, Wire-to-Wire

Number of Positions: 10

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

#### **Features**

### **Product Type Features**

| Product Type                      | Housing                     |
|-----------------------------------|-----------------------------|
| Housing Type                      | Receptacle                  |
| Connector System                  | Wire-to-Board, Wire-to-Wire |
| Sealable                          | No                          |
| Connector & Contact Terminates To | Wire & Cable                |
| Contact Type                      | Socket                      |
| Configuration Features            |                             |
| Number of Positions               | 10                          |
| Number of Rows                    | 2                           |
| Row-to-Row Spacing                | 3 mm[.118 in]               |
| Electrical Characteristics        |                             |
| Operating Voltage                 | 250 VDC                     |
| Contact Features                  |                             |

Without

#### **Termination Features**

Contact Retention



| Termination Method to Wire & Cable | Crimp                         |
|------------------------------------|-------------------------------|
| Mechanical Attachment              |                               |
| Connector Mounting Type            | Cable Mount (Free-Hanging)    |
| Housing Features                   |                               |
| Centerline (Pitch)                 | 3 mm[.118 in]                 |
| UL Flammability Rating             | UL 94V-0                      |
| 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                     |
| 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                   | Package                       |
| 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                   | 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 2019<br>(197)<br>Candidate List Declared Against: JAN 2019<br>(197) |

TE Part # 1-794617-0 TE Internal #: BACA-AMP-136



| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per |
|-----------------|--|
|                 | homogenous material. Also BFR/CFR/PVC    |
|                 | Free                                     |
|                 |  |

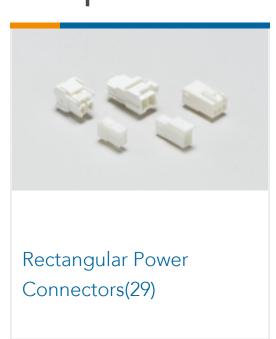
Solder Process Capability

Not applicable for solder process capability

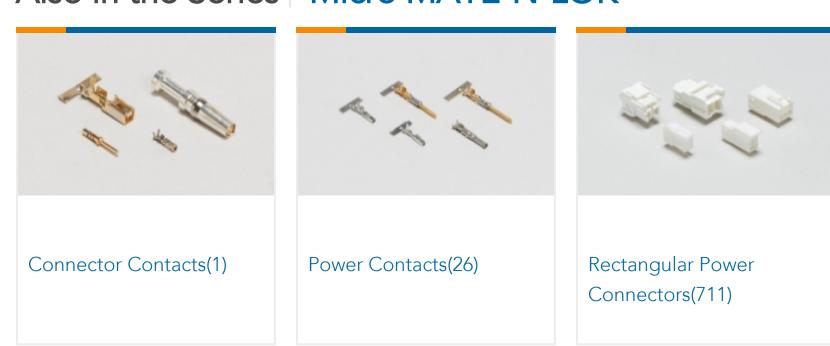
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

# **Compatible Parts**



### Also in the Series | Micro MATE-N-LOK



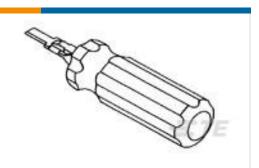
# **Customers Also Bought**

TE Part # 1-794617-0 TE Internal #: BACA-AMP-136





TE Part #91501-1
CERTICRIMP 24-20 MICRO
MNL



TE Part #843996-6
TOOL, EXTRACTION
RESET



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



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



TE Part #794617-8 8POS,MICRO MNL,RCPT HSG



TE Part #794617-6 6POS,MICRO MNL,RCPT HSG



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



LATCH .100



TE Part #104257-4
05 MTE RCPT HSG SR
LATCH .100



#### **Documents**

**Product Drawings** 

10POS,MICRO MNL,RCPT HSG

English

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1-794617-0\_J.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-794617-0\_J.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-794617-0\_J.3d\_stp.zip

English

Datasheets & Catalog Pages

SOFT\_SHELL\_PIN\_AND\_SOCKET\_CONNECTORS\_CATALOG

### 10POS,MICRO MNL,RCPT HSG

TE Part # 1-794617-0 TE Internal #: BACA-AMP-136



English

1773458-4\_MICRO\_MATE\_N\_LOK\_CONNECTOR\_SYSTEM\_QRG

English

**Product Specifications** 

**Application Specification** 

English

Product Environmental Compliance

MD\_1-794617-0\_09072018248\_dmtec

English

MD\_1-794617-0\_09072018248\_dmtec

English

**Agency Approvals** 

**VDE** Certificate

English

**VDE** Certificate

English