



+ CONNECTORS

RECTANGULAR POWER CONNECTORS



✓ Active

TE CONNECTIVITY (TE)  
**12 POS TR MINI UNIV**  
MATE-N-LOK | Mini-Universal MATE-N-LOK

1-172162-9  
TE Internal Number: 1-172162-9

EU RoHS Compliant  
EU ELV Compliant  
**Product Type** Connector

**Connector System** Wire-to-Wire

**Number of Positions** 12

**Centerline (Pitch)** 4.14 mm [ .163 in ]

**Sealable** No

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

**12Pos MINI UNIVERSAL MATE-N-LOCK CONN. CAP HOUSING (UL94V-O)**

PDF (TIFF AVAILABLE)

English

CAD Files

**3D PDF**

PDF

3D

**Customer View Model**

2D\_DXF.ZIP

English

Customer View Model

3D\_IGS.ZIP

English

Customer View Model

3D\_STP.ZIP

English

Product Specifications

Application Specification

Mini-Universal MATE-N-LOK Connectors

PDF

English

Product Specification

Mini-Universal MATE-N-LOK Connector(UL 94V-0 Grade)

TIF

English

Mini-Universal MATE-N-LOK Connector(UL 94V-0 Grade)

PDF

English

Instruction Sheets

Instruction Sheet (non U.S.)

Mini-Universal MATE-N-LOK Connector

TIF

Japanese

Mini-Universal MATE-N-LOK Connector

PDF

Japanese

FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

Product Type Features

Product Type Connector

Connector System Wire-to-Wire

Sealable No

Connector & Contact Terminates To Wire & Cable

Contact Type Pin

Configuration Features

Number of Positions 12

Number of Power Positions 12

Number of Signal Positions 0

Number of Rows 3

Row-to-Row Spacing 4.14 mm [ .163 in ]

Electrical Characteristics

**Operating Voltage (VAC)** 600  
**Operating Voltage (VDC)** 600

Contact Features

**Contact Retention** Without

Housing Features

**Centerline (Pitch)** 4.14 mm [ .163 in ]  
**UL Flammability Rating** UL 94V-0  
**Housing Color** Black  
**Housing Material** Nylon 6/6

Usage Conditions

**Operating Temperature Range** -20 – 105 °C [ -4 – 221 °F ]  
**Sealed Condition** Not Sealed

Industry Standards

**Glow Wire Rating** Standard Part - Not Glow Wire

Packaging Features

**Packaging Method** Bag  
**Packaging Quantity** 500

PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**  
PDF