



CONNECTORS

RECTANGULAR POWER CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

MINI UNIVERSAL M-N-L PLUG 6P

MATE-N-LOK | Mini-Universal MATE-N-LOK

1-172168-2

TE Internal Number: 1-172168-2

EU RoHS Compliant

Not Yet Reviewed for EU ELV

Product Type Housing

Housing Type Plug

Connector System Wire-to-Wire

Number of Positions 6

Centerline (Pitch) 4.2 mm [.165 in]

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

MINI UNIVERSAL MATE-N-LOK PLUG HOUSING 6POS. UL94V-0

PDF

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 Housing

Housing Type Plug

Connector System Wire-to-Wire

Connector & Contact Terminates To Wire & Cable

Configuration Features

Number of Positions 6

Number of Rows 2

Row-to-Row Spacing .165 mm [4.2 in]

Electrical Characteristics

Operating Voltage (VAC) 600

Operating Voltage (VDC) 600

Contact Features

Contact Retention Without

Multiple Contact Types Without

Mechanical Attachment

Panel Mount Retention Without

Housing Features

Centerline (Pitch) 4.2 mm [.165 in]

UL Flammability Rating UL 94V-0

Housing Color Red

Housing Material Nylon 66

Usage Conditions

Operating Temperature Range -20 – 105 °C [-4 – 221 °F]

Sealed Condition Not Sealed

Insertion Force (kg) 5.1

Operation/Application

Assembly Integration Feature Without

Identification Marking

Circuit Identification Feature With

Industry Standards

Glow Wire Rating Standard Part - Not Glow Wire

Agency/Standard CSA, UL

VDE Tested Yes

CSA File Number LR7189

Agency/Standard Number E28476

UL Rating Recognized

CSA Rating Certified

Packaging Features

Packaging Method Bag

Packaging Quantity 500

Other

For Use With Mini-Universal MATE-N-LOK Cap Housing/PC Board Pin Headers

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
