



CONNECTORS

RECTANGULAR POWER CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

09P MINI UMNL HDR ASSY BLMT LF

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

1-794130-1

TE Internal Number: 1-794130-1

[EU RoHS Compliant](#)

[EU ELV Compliant](#)

Product Type Header

Housing Type Plug

Connector System Wire-to-Board

Number of Positions 9

Centerline (Pitch) 4.14 mm [.162 in]

[↓ 3D PDF](#)

DOCUMENTATION

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 Environmental Compliance

TE Material Declaration

MD_1-794130-1_02262016935_dmtec

PDF

English

FEATURES



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

Product Type Features

Product Type Header

Housing Type Plug

Connector System Wire-to-Board

Connector & Contact Terminates To Printed Circuit Board

Contact Type Pin

Configuration Features

Number of Positions 9

PCB Mounting Orientation Vertical

Number of Power Positions 9

Number of Rows 3

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

Contact Layout Matrix

Electrical Characteristics

Operating Voltage (VAC) 600

Operating Voltage (VDC) 600

Contact Features

Contact Current Rating (Max) (A) 9.5

Contact Retention Without

Contact Termination Area Plating Material Tin

Contact Mating Area Plating Material Tin

Contact Termination Area Plating Thickness 3.81 μm [150 μin]

Multiple Contact Types Without

Termination Features

Termination Method to PC Board Through Hole - Solder

Termination Post/Tail Length 4.7 mm [.185 in]

Mechanical Attachment

Panel Mount Retention Without
PCB Mount Alignment Without
Strain Relief Without
PCB Mount Retention Without
Mating Alignment With
Mating Alignment Type Blindmate
Mating Retention With
Mating Retention Type Locking Tab

Housing Features

Centerline (Pitch) 4.14 mm [.162 in]
UL Flammability Rating UL 94V-0
Housing Color White
Housing Material Thermoplastic

Dimensions

PCB Thickness (Recommended) .062 mm [1.57 in]

Usage Conditions

Operating Temperature Range -55 – 105 °C [-67 – 221 °F]
Sealed Condition Not Sealed

Operation/Application

Circuit Application Power
Assembly Integration Feature Without

Industry Standards

Glow Wire Rating Standard Part - Not Glow Wire
VDE Tested Yes
CSA File Number LR7189
UL Rating Recognized
Agency/Standard CSA, UL
Agency/Standard Number E28476
CSA Rating Certified

Packaging Features

Packaging Method Bag
Packaging Quantity 200

Other

For Use With Plug Housing

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

