



**CONNECTORS**

**RECTANGULAR POWER CONNECTORS**



✓ Active

TE CONNECTIVITY (TE)

## 09P UMNL PIN HDR ASSY NATL, PIN V0 GW

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

1969818-1

TE Internal Number: 1969818-1

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Product Type Header

Contact Current Rating (Max) (A) 12

Housing Type Plug

Centerline (Pitch) 6.35 mm [ .25 in ]

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

### DOCUMENTATION

Product Drawings

#### **PIN HEADER ASSEMBLY, 9 CIRCUIT, UNIVERSAL MATE-N-LOK(TM)**

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

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Agency Approvals

UL Report

### UMNL, UMNL BULKHEAD AND UMNL2 CONNECTORS REPORT

PDF

English

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## FEATURES



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

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

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### Product Type Features

**Connector System** Wire-to-Board

**Product Type** Header

**Housing Type** Plug

**Connector & Contact Terminates To** Printed Circuit Board

**Contact Type** Pin

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### Configuration Features

**Number of Positions** 9

**PCB Mounting Orientation** Vertical

**Number of Power Positions** 9

**Number of Rows** 3

**Row-to-Row Spacing** .25 mm [ 6.35 in ]

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### Contact Features

**Contact Current Rating (Max) (A)** 12

**Contact Retention** Without

**Contact Termination Area Plating Material** Pre-Tin

**Contact Mating Area Plating Material** Pre-Tin

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### Termination Features

**Termination Method to PC Board** Through Hole - Solder

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### Housing Features

**Centerline (Pitch)** 6.35 mm [ .25 in ]

**UL Flammability Rating** UL 94V-0

**Housing Material** Nylon

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### Usage Conditions

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

**Sealed Condition** Not Sealed

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Operation/Application

**Circuit Application** Power

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Identification Marking

**Circuit Identification Feature** With

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Industry Standards

**Glow Wire Rating** GWT 750°C (Without Flame)

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Packaging Features

**Packaging Method** Box

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Statement of Compliance

**Statement of Compliance**

PDF

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