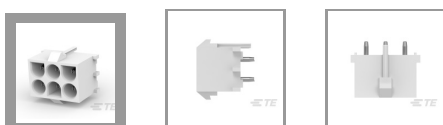




**CONNECTORS**

**RECTANGULAR POWER CONNECTORS**



✓ Active

TE CONNECTIVITY (TE)

# 06P UMNL PIN HDR 94VO NDH

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

1586174-1

TE Internal Number: 1586174-1

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Product Type Header

Contact Current Rating (Max) (A) 12

Housing Type Receptacle

Centerline (Pitch) (in) .25

[↓ PRODUCT DRAWING](#)  
English

[↓ 3D PDF](#)

## DOCUMENTATION

Product Drawings

### **PIN HEADER ASSEMBLY, POLARIZED, 6 CIRCUIT, UNIVERSAL MATE-N-LOK**

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

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Product Specifications

Product Specification

### Header, MATE- N-LOK Universal

PDF

English

Application Specification

### Universal MATE-N-LOK Connectors

PDF

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** Receptacle

**Contact Type** Pin

**Header Type** Shrouded

---

Configuration Features

**Number of Positions** 6

**Centerline (mm)** 6.35

**PCB Mounting Orientation** Vertical

**Number of Power Positions** 6

**Number of Rows** 2

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

**Contact Layout** Matrix

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Electrical Characteristics

**Operating Voltage (VAC)** 600

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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

**Contact Base Material** Phosphor Bronze

---

## Termination Features

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

**Termination Post/Tail Length** 4.44 mm [ .174 in ]

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## Mechanical Attachment

**Strain Relief** Without

**PCB Mount Alignment** With

**Panel Mount Retention** Without

**PCB Mount Retention** Without

**Mating Alignment** With

**PCB Mount Alignment Type** Locating Posts

**Mating Alignment Type** Polarization

**Mating Retention** With

**Mating Retention Type** Latch

---

## Housing Features

**Centerline (Pitch) (in)** .25

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

**Housing Color** White

**Housing Material** Nylon

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## Dimensions

**Length** 20.32 mm [ .8 in ]

**Height** 13.97 mm [ .549 in ]

**Width** 13.97 mm [ .549 in ]

**PCB Thickness (Recommended)** .061 mm [ 1.57 in ]

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## Usage Conditions

**Sealed Condition** Not Sealed

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## Operation/Application

**Circuit Application** Power

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

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## Industry Standards

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

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## Packaging Features

**Packaging Method** Bag

**Packaging Quantity** 100

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Other

**For Use With Plug Housing**  
**Backwall/Post Interruptions Without**

Statement of Compliance

**Statement of Compliance**

PDF