



TE Connectivity: Every Connection Counts  
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+ CONNECTORS  
POWER CONTACTS



✓ Active

TE CONNECTIVITY (TE)  
**UMNL SOK 24-18 AUPHBZ L/P**  
[MATE-N-LOK](#) | [Universal MATE-N-LOK](#)

350689-6  
TE Internal Number: 350689-6

[EU RoHS Compliant](#)  
[EU ELV Compliant](#)

**Product Type** Contact  
**Contact Current Rating (Max) (A)** 19  
**Operating Voltage (VAC)** 600  
**Wire/Cable Size (AWG)** 24 – 18  
**Wire/Cable Size (mm²)** .2 – .8

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

**SOCKET,(LOOSE PIECE) UNIVERSAL MATE-N-LOK**  
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

Catalog Pages/Data Sheets

SOFT\_SHELL\_PIN\_SOCKET\_CONNECTORS\_STANDARD\_DENSITY

PDF

English

Instruction Sheets

Instruction Sheet (U.S.)

Universal, Commercial, And .140 MATE-N-LOK Contact And Housing Selection Charts

PDF

English

Agency Approvals

UL Report

UMNL, UMNL BULKHEAD AND UMNL2 CONNECTORS REPORT

PDF

English

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 Contact

Electrical Characteristics

Operating Voltage (VAC) 600

## Contact Features

**Contact Current Rating (Max) (A)** 19**Contact Type** Socket**Contact Base Material** Phosphor Bronze**Contact Mating Area Plating Material** Gold**Contact Mating Area Plating Thickness** .76 µm [ 30 µin ]**Contact Termination Area Plating Material** Nickel**Contact Termination Area Plating Thickness** 1.27 µm [ 50 µin ]**Contact Crimp Area Plating Material** Nickel**Crimp Area Plating Thickness** 1.27 µm [ 50 µin ]**Underplate Material** Nickel**Underplate Material Thickness** 1.27 µm [ 50 µin ]**Contact Design** Solid

## Termination Features

**Wire/Cable Size (AWG)** 24 – 18**Wire/Cable Size (mm<sup>2</sup>)** .2 – .8**Termination Type** Crimp

## Mechanical Attachment

**Contact Retention in Housing** With**Contact Retention in Housing Type** Locking Lance

## Dimensions

**Mating Pin Diameter** 2.13 mm [ .084 in ]**Accepts Wire Insulation Diameter Range** 1.02 – 2.54 mm [ .04 – .1 in ]

## Usage Conditions

**Operating Temperature Range** -55 – 105 °C [ -67 – 221 °F ]

## Industry Standards

**Glow Wire Rating** Standard Part - Not Glow Wire**UL File Number** E28476**CSA Rating** Certified**UL Rating** Recognized**CSA File Number** LR 16455**Agency/Standard** CSA, UL**VDE Tested** Yes

## Packaging Features

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

Other

**For Multiple Crimp** No

**For Use With** Splash Proof Seal and Universal Mate-N-LOK Plug and Cap Housing

**Wire Type** Stranded

**Wire/Cable Type** Discrete Wire

Statement of Compliance

**Statement of Compliance**

PDF

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