



# POWER CONTACTS



TE CONNECTIVITY (TE)

## UMNL II SOK PTPPHBZ

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

770010-3

TE Internal Number: 770010-3

Always EU RoHS/ELV Compliant

Product Type **Contact**

Operating Voltage (VAC) **600**

Wire/Cable Size (AWG) **24 - 18**

Wire/Cable Size (mm<sup>2</sup>) **.2 - 1**

Contact Type **Socket**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

[SOCKET, UNIVERSAL MATE-N-LOK\(TM\) II](#)

PDF (TIFF AVAILABLE)  
English

[SOCKET, UNIVERSAL MATE-N-LOK\(TM\) II](#)

PDF (TIFF AVAILABLE)  
English

### CAD Files

[3D PDF](#)

PDF  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

### Catalog Pages/Data Sheets

[SOFT\\_SHELL\\_PIN\\_SOCKET\\_CONNECTORS\\_STANDARD\\_DENSITY](#)

PDF  
English

### Product Specifications

Product Specification

[Connector, Universal MATE-N-LOK II](#)

PDF  
English

Application Specification

[Circular Multi-Pin Connector](#)

PDF  
English

[Universal MATE-N-LOK II Connectors](#)

PDF  
English

### Product Environmental Compliance

TE Material Declaration

[MD\\_770010-3\\_010720140004](#)

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	<b>Contact</b>
Electrical Characteristics	Operating Voltage (VAC)	<b>600</b>
Contact Features	Contact Type	<b>Socket</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Contact Mating Area Plating Material	<b>Pre-Tin</b>
Termination Features	Wire/Cable Size (AWG)	<b>24 – 18</b>
	Wire/Cable Size (mm <sup>2</sup> )	<b>.2 – 1</b>
	Termination Type	<b>Crimp</b>
Mechanical Attachment	Contact Retention in Housing	<b>Without</b>
Dimensions	Accepts Wire Insulation Diameter Range	<b>1.02 – 2.54 mm [ .04 – .1 in ]</b>
Operation/Application	Operating Temperature Range	<b>-55 – 120 °C [ -67 – 248 °F ]</b>
	Connector System	<b>Wire-to-Wire</b>
Industry Standards	Glow Wire Rating	<b>Standard Part - Not Glow Wire</b>
	UL File Number	<b>E28476</b>
	Agency/Standard	<b>CSA, UL</b>
	VDE Tested	<b>Yes</b>
	CSA File Number	<b>LR 7189</b>
	UL Rating	<b>Recognized</b>
	CSA Rating	<b>Certified</b>
Packaging Features	Packaging Method	<b>Reel</b>
	Packaging Quantity	<b>5000</b>
Other	For Use With	<b>Standard Universal MATE-N-LOK(Pin)</b>
	Wire/Cable Type	<b>Discrete Wire</b>

Wire Style Type

Stranded

Wire Type





Stranded

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

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Relation Type

RELATIONSHIP

### Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS



Connectors - Rectangular Power Connectors  
MATE-N-LOK | Universal MATE-N-LOK

**03P UMNLII IN-LNE  
PLUG HSG KIT  
- 770018-1**

TE INTERNAL NUMBER: 770018-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **3**

RELATIONSHIP

### Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS



Connectors - Rectangular Power Connectors  
MATE-N-LOK | Universal MATE-N-LOK

Always EU RoHS/ELV Compliant



## 02P UMNLII IN-LINE CAP HSG KIT - 770024-1

TE INTERNAL NUMBER: 770024-1  
ALIAS ID: 1191955

✓ Active

Product Type **Housing**

Housing Type **Receptacle**

Connector System **Wire-to-Panel,**  
**Wire-to-Wire**

Applies To **Panel, Wire/Cable**

Number of Positions **2**

### RELATIONSHIP

## Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

### PRODUCT - HOUSINGS



Connectors - Rectangular Power Connectors  
MATE-N-LOK I Universal MATE-N-LOK

## 02P UMNLII IN-LINE PLUG HSG KIT - 770017-1

TE INTERNAL NUMBER: 770017-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **2**

