



## RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

### 03P UMNLII IN-LINE PLUG HSG KIT

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

770018-1

TE Internal Number: 770018-1

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **3**

Active

PRODUCT DRAWING  
English

3D PDF

#### Product Drawings

[PLUG HOUSING KIT, 3 CIRCUIT, IN-LINE, UNIVERSAL MATE-N-LOK](#)

PDF  
English

#### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

[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

#### Product Specifications

Product Specification

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

PDF  
English

[Circular Multi-Pin Connector](#)

PDF  
English

Application Specification

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

PDF  
English

#### Product Environmental Compliance

TE Material Declaration

[MD\\_770018-1\\_03262014330\\_dmtec](#)

PDF  
English

## Instruction Sheets

Instruction Sheet (U.S.)

### Universal MATE-N-LOK Connectors

PDF  
English

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	Product Type	<b>Housing</b>
	Housing Type	<b>Plug</b>
	Contact Type	<b>Pin or Socket</b>

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Configuration Features	Number of Positions	<b>3</b>
	Centerline	<b>6.35 mm [ .25 in ]</b>
	Number of Rows	<b>1</b>
	Multiple Contact Types	<b>Without</b>
	Contact Layout	<b>Inline</b>

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Electrical Characteristics	Operating Voltage (VAC)	<b>600</b>
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Contact Features	Contact Retention	<b>Without</b>
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Mechanical Attachment	Assembly Integration Feature	<b>Without</b>
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Housing Features	UL Flammability Rating	<b>UL 94V-0</b>
	Housing Color	<b>White</b>
	Housing Material	<b>Nylon GF</b>

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Dimensions	Width (mm)	<b>20.32</b>
	Length (mm)	<b>22.99</b>

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Usage Conditions	Sealed Condition	<b>Not Sealed</b>
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Operation/Application	Connector System	<b>Wire-to-Wire</b>
	Applies To	<b>Wire/Cable</b>
	Operating Temperature	<b>-55 – 105 °C [ -67 – 221 °F ]</b>

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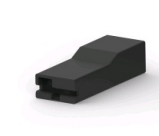
UL Rating	<b>Recognized</b>
CSA File Number	<b>LR7189</b>
Agency/Standard	<b>CSA, UL</b>
VDE Tested	<b>Yes</b>
CSA Rating	<b>Certified</b>
Agency/Standard Number	<b>E28476</b>

Packaging Features	Packaging Method	<b>Package</b>
	Packaging Quantity	<b>1</b>

Other	For Use With	<b>Universal MATE-N-LOK Connectors</b>
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Product Compliance [Statement of Compliance PDF](#)  
[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

<p><b>POWER CONTACTS</b></p>  <p><b>UMNL II PIN PTPBR</b> 770007-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p><b>POWER CONTACTS</b></p>  <p><b>UMNL II SOK PTPPHBZ</b> 770010-3</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p><b>RECTANGULAR POWER CONNECTORS</b></p>  <p><b>02P UMNLII IN-LNE PLUG HSG KIT</b> 770017-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p><b>MOTOR TERMINAL HOUSINGS</b></p>  <p><b>.250 SRS FASTON</b> 280232-5</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>
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Products - 75 Results

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Relation Type ▼

RELATIONSHIP

### Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)



PRODUCT - CONTACTS

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

**UMNL II SOK PTPPHBZ**

Always EU RoHS/ELV Compliant

Product Type **Contact**





- 770008-3

TE INTERNAL NUMBER: 770008-3

✓ Active

Operating Voltage **600 VAC**

Wire/Cable Size **20 – 14 AWG**

Wire/Cable Size **.5 – 2 mm<sup>2</sup>**

Contact Type **Socket**

RELATIONSHIP

## Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



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

**03P UMNL HDR ASSY**

**R/A 94VO - 643228-1**

TE INTERNAL NUMBER: 643228-1

✓ Active

Always EU RoHS/ELV Compliant



RELATIONSHIP

## Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



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

**03P UMNL CAP HSG V0**

**- 350767-1**

TE INTERNAL NUMBER: 350767-1

ALIAS ID: AMP-0-0350767-1, F84278-000

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Receptacle**

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

Applies To **Panel, Wire/Cable**

Number of Positions **3**

