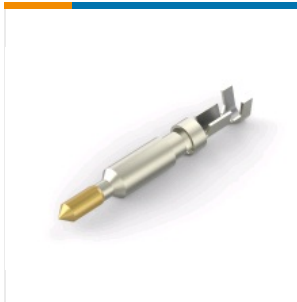




# POWER CONTACTS



## TE CONNECTIVITY (TE) UMNL II PIN AUSN/NI/BR MATE-N-LOK | Universal MATE-N-LOK

1-770009-0  
TE Internal Number: 1-770009-0

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 - .8**

Contact Type **Pin**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

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


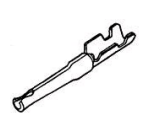


### Product Specifications

Product Specification [Connector, Universal MATE-N-LOK II](#)  
PDF  
English  
Application Specification [Universal MATE-N-LOK II 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.

Electrical Characteristics	Operating Voltage (VAC)	<b>600</b>
Contact Features	Contact Type	<b>Pin</b>
	Contact Base Material	<b>Brass</b>
	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Mating Area Plating Thickness	<b>.76 µm [ 29.92 µin ]</b>
	Underplate Material	<b>Nickel</b>
	Underplate Material Thickness	<b>1.27 µm [ 50 µin ]</b>
Termination Features	Wire/Cable Size (AWG)	<b>24 – 18</b>
	Wire/Cable Size (mm <sup>2</sup> )	<b>.2 – .8</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(Socket)</b>
	Wire/Cable Type	<b>Discrete Wire</b>
	Wire Type	<b>Stranded</b>

## CUSTOMERS ALSO BOUGHT

<p>POWER CONTACTS</p>  <p>UMNL SOK 24-18 AU BR 350570-2</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>D-SUB CONNECTOR CONTACTS</p>  <p>SOCKET CONTACT, 22 DF, STRIP, 22- 1658686-3</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>12P UMNLII IN-LINE CAP HSG KIT 770029-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>POWER CONTACTS</p>  <p>UMNL PIN 24-18 .0126 AU/BR 350561-2</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>
--	--	--	--

Products - 15 Results

[View All](#)

[Compare 0/10](#)

Relation Type ▼

### RELATIONSHIP

#### Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)


	<p>PRODUCT - HOUSINGS</p> <p>Connectors - Rectangular Power Connectors MATE-N-LOK   Universal MATE-N-LOK</p> <p><b>02P UMNLII IN-LINE PLUG HSG KIT - 770017-1</b></p> <p>TE INTERNAL NUMBER: 770017-1</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Product Type <b>Housing</b></p> <p>Housing Type <b>Plug</b></p> <p>Connector System <b>Wire-to-Wire</b></p> <p>Applies To <b>Wire/Cable</b></p> <p>Number of Positions <b>2</b></p>	<input checked="" type="checkbox"/>
---	---	--	-------------------------------------

### RELATIONSHIP

#### Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

	<p>PRODUCT - HOUSINGS</p> <p>Connectors - Rectangular Power Connectors MATE-N-LOK   Universal MATE-N-LOK</p> <p><b>04P UMNLII IN-LINE CAP HSG KIT - 770026-1</b></p> <p>TE INTERNAL NUMBER: 770026-1 ALIAS ID: 1199492</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Product Type <b>Housing</b></p> <p>Housing Type <b>Receptacle</b></p> <p>Connector System <b>Wire-to-Panel, Wire-to-Wire</b></p> <p>Applies To <b>Panel, Wire/Cable</b></p>	<input checked="" type="checkbox"/>
---	--	--	-------------------------------------

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

**15P UMNLI IN-LNE  
PLUG HSG KIT  
- 770023-1**

TE INTERNAL NUMBER: 770023-1  
ALIAS ID: 405365529, AMP-0-0770023-1, CJ6370-000

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **15**

