



POWER CONTACTS



TE CONNECTIVITY (TE)

UMNL II SOK SN/AUNI/PHBZ LP

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

1-770247-0

TE Internal Number: 1-770247-0

Always EU RoHS/ELV Compliant

Product Type **Contact**

Operating Voltage (VAC) **600**

Wire/Cable Size (AWG) **12 – 10**

Wire/Cable Size (mm²) **3 – 5**

Contact Type **Socket**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

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

PDF (TIFF AVAILABLE)
English

[SOCKET, LOOSE PIECE, 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





[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.

Product Type Features	Product Type	Contact
Electrical Characteristics	Operating Voltage (VAC)	600
Contact Features	Contact Type	Socket
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness	.76 µm [29.92 µin]
	Underplate Material	Nickel
	Underplate Material Thickness	1.27 µm [50 µin]
Termination Features	Wire/Cable Size (AWG)	12 – 10
	Wire/Cable Size (mm ²)	3 – 5
	Termination Type	Crimp
Mechanical Attachment	Contact Retention in Housing	Without
Dimensions	Accepts Wire Insulation Diameter Range	5.08 mm [.2 in]
Operation/Application	Operating Temperature Range	-55 – 120 °C [-67 – 248 °F]
	Connector System	Wire-to-Wire
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	UL File Number	E28476
	Agency/Standard	CSA, UL
	VDE Tested	Yes
	CSA File Number	LR 7189
	UL Rating	Recognized
	CSA Rating	Certified
Packaging Features	Packaging Method	Bag
	Packaging Quantity	1000
Other	For Use With	Standard Universal MATE-N-LOK(Pin)
	Wire/Cable Type	Discrete Wire
	Wire Type	Stranded

CUSTOMERS ALSO BOUGHT

<p>WIRE-TO-BOARD HEADERS & RECEPTACLES</p>  <p>02P MTA100 CONN ASSY POL RIB 643814-2</p> <p>Save to List Find Similar Products</p>	<p>HEAT SHRINK TUBING</p>  <p>NTRF-5/8-0-SP NTRF-5/8-0-SP</p> <p>Save to List Find Similar Products</p>	<p>SURFACE MOUNT RESISTORS</p>  <p>3521 1K6 1% 2W 35211K6FT</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>04P UMNLII IN-LNE PLUG HSG KIT 770019-1</p> <p>Save to List Find Similar Products</p>
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Products - 15 Results

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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 I Universal MATE-N-LOK</p> <p>05P UMNLII IN-LNE PLUG HSG KIT - 770016-1</p> <p>TE INTERNAL NUMBER: 770016-1</p> <p>Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Product Type Housing</p> <p>Housing Type Plug</p> <p>Connector System Wire-to-Wire</p> <p>Applies To Wire/Cable</p> <p>Number of Positions 5</p>	<input checked="" type="checkbox"/>
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RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

	<p>PRODUCT - HOUSINGS</p> <p>Connectors - Rectangular Power Connectors MATE-N-LOK I Universal MATE-N-LOK</p> <p>12P UMNLII IN-LNE PLUG HSG KIT 770020-1</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Product Type Housing</p> <p>Housing Type Plug</p>	<input checked="" type="checkbox"/>
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- 770022-1
 TE INTERNAL NUMBER: 770022-1
 ALIAS ID: AMP-0-0770022-1, CJ6369-000

✓ Active

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **12**

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
**06P UMNLII IN-LNE
 PLUG HSG KIT**
 - 770020-1
 TE INTERNAL NUMBER: 770020-1
 ALIAS ID: 405257429, AMP-0-0770020-1, CJ6243-000

✓ Active

[Always EU RoHS/ELV Compliant](#)

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **6**

