



## POWER CONTACTS



TE CONNECTIVITY (TE)

### MINI UMNL SOK 26-22 AWG AU

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

1-770902-0

TE Internal Number: 1-770902-0

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating (A) **11.2**

Operating Voltage (VAC) **600**

Operating Voltage (VDC) **600**

Wire/Cable Size (AWG) **26 - 22**

Active

PRODUCT DRAWING  
English

3D PDF

#### Product Drawings

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

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

[AMP Circular Connectors For Commercial Signal & Power Applications Continued](#)

PDF  
English

[SOFT\\_SHELL\\_PIN\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

PDF  
English

[1-1773458-0\\_MINI\\_UNIVERSAL\\_MATE\\_N\\_LOK\\_CONNECTOR\\_SYSTEM\\_QRG](#)

PDF  
English

#### Product Specifications

Application Specification

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

PDF  
English

[Mini-Universal MATE-N-LOK Splash-Proof Sealed Connectors](#)

PDF  
English


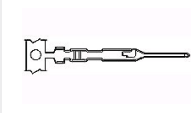
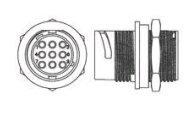

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Product Type	Contact
Electrical Characteristics	Contact Current Rating (A)	<b>11.2</b>
	Operating Voltage (VAC)	<b>600</b>
	Operating Voltage (VDC)	<b>600</b>
Contact Features	Contact Type	<b>Socket</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>26 – 22</b>
	Wire/Cable Size (mm <sup>2</sup> )	<b>.12 – .4</b>
	Termination Type	<b>Crimp</b>
Mechanical Attachment	Contact Retention in Housing	<b>With</b>
Dimensions	Mating Pin Diameter	<b>1.8 mm [ .071 in ]</b>
	Accepts Wire Insulation Diameter Range	<b>1.2 – 1.75 mm [ .047 – .069 in ]</b>
Operation/Application	Operating Temperature Range	<b>-55 – 105 °C [ -67 – 221 °F ]</b>
	Connector System	<b>Wire-to-Wire</b>
Industry Standards	Glow Wire Rating	<b>Standard Part - Not Glow Wire</b>
	UL Flammability Rating	<b>UL 94V-0</b>
	VDE Tested	<b>Yes</b>
	Agency/Standard	<b>CSA, UL</b>
	UL File Number	<b>E28476</b>
	CSA File Number	<b>LR 7189</b>
	UL Rating	<b>Recognized</b>
	CSA Rating	<b>Certified</b>

Packaging Features	Packaging Method	Reel
	Packaging Quantity	7000
Other	Wire/Cable Type	Discrete Wire
	Wire Type	Stranded
	Comment	HDM Applicator part number ending in -3 is used on AMPOMATOR CLS Machine with T or G Terminators, -4 is used on AMP-O-LECTRIC Model K Machine, -5 is used on AMP-O-LECTRIC Model G Machines.
	For Use With	Plug Housing

Product Compliance [Statement of Compliance PDF](#)  
[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p>  <p>10P MINI UMNL PLUG HSG 770580-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>WIRE-TO-BOARD CONNECTOR CONTACTS</p>  <p>MTE PIN LP 1-104505-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>CIRCULAR POWER CONNECTORS</p>  <p>RECPT, 11-9, FLNG MT, STD KEY 1445816-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>CIRCULAR POWER CONNECTORS</p>  <p>PLUG, 11-9, SM INS, STD KEY 1445807-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>
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Products - 191 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 Mini-Universal MATE-N-LOK</p> <p><b>MINI UMNL PLUG HOUSING 12P - 172341-1</b></p> <p>TE INTERNAL NUMBER: 172341-1 ALIAS ID: 0-0172341-1</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>	<input checked="" type="checkbox"/>
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## RELATIONSHIP

**Housings**

Identifies Housings compatible with a given Contact

[See All Housings](#)

## PRODUCT - HOUSINGS



Connectors - Rectangular Connector Housings  
 MATE-N-LOK | Mini-Universal MATE-N-LOK  
**MINI-U-M-N-L 3P CAP**  
**BLUE - 1-172158-6**  
 TE INTERNAL NUMBER: 1-172158-6

✓ Active

Always EU RoHS/ELV Compliant

Connector System **Wire-to-Panel,**  
**Wire-to-Wire**Centerline **4.14 mm**Number of Positions **3**Number of Rows **1**Housing Material **Nylon 6/6**

## RELATIONSHIP

**Housings**

Identifies Housings compatible with a given Contact

[See All Housings](#)

## PRODUCT - HOUSINGS



Connectors - Rectangular Power Connectors  
 MATE-N-LOK | Mini-Universal MATE-N-LOK  
**08P MINI UMNL PLUG**  
**HSG - 770579-1**  
 TE INTERNAL NUMBER: 770579-1  
 ALIAS ID: 0-0770579-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**Housing Type **Plug**Connector System **Wire-to-Wire**Applies To **Wire/Cable**Number of Positions **8**