



# RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

## 06P UMNL II PLUG REAR 94VO

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

770038-1

TE Internal Number: 770038-1  
Alias ID: AMP-0-0770038-1, CJ3098-000

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **6**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

[PLUG REAR, 6 CIRCUIT, UNIVERSAL MATE-N-LOK](#)

PDF (TIFF AVAILABLE)  
English

[PLUG REAR, 6 CIRCUIT, UNIVERSAL MATE-N-LOK](#)

PDF (TIFF AVAILABLE)  
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

Application Specification

[Circular Multi-Pin Connector](#)

PDF  
English

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

PDF  
English

### Product Environmental Compliance

TE Material Declaration

[MD 770038-1 070700150014](#)

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>Housing</b>
	Housing Type	<b>Plug</b>
	Contact Type	<b>Pin or Socket</b>
Configuration Features	Number of Positions	<b>6</b>
	Centerline	<b>6.35 mm [ .25 in ]</b>
	Number of Rows	<b>2</b>
	Row-to-Row Spacing	<b>6.35 mm [ .25 in ]</b>
	Multiple Contact Types	<b>Without</b>
	Contact Layout	<b>Matrix</b>
Electrical Characteristics	Operating Voltage (VAC)	<b>600</b>
Contact Features	Contact Retention	<b>Without</b>
Mechanical Attachment	Assembly Integration Feature	<b>Without</b>
Housing Features	UL Flammability Rating	<b>UL 94V-0</b>
	Housing Color	<b>Natural</b>
	Housing Material	<b>Nylon GF</b>
Dimensions	Length (in)	<b>1.08</b>
	Height (in)	<b>.375</b>
	Width (in)	<b>.55</b>
Usage Conditions	Sealed Condition	<b>Not Sealed</b>
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>
Industry Standards	Glow Wire Rating	<b>Standard Part - Not Glow Wire</b>

Industry Standards	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>Standard Universal MATE-N-LOK Connectors</b>
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Product Compliance [Statement of Compliance PDF](#)  
[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 1 Results

[View All](#) [Compare 0/10](#)

Relation Type ▼

RELATIONSHIP  
**Mating Products**  
 Used to identify Mating Parts

[See All Mating Products](#)

	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Rectangular Power Connectors          MATE-N-LOK I Universal MATE-N-LOK  <b>06P UMNL II PLUG-FRONT 94VO - 770037-1</b>          TE INTERNAL NUMBER: 770037-1          ALIAS ID: AMP-0-0770037-1, CJ3097-000</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>6</b></p>	<input checked="" type="checkbox"/>
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