



# RECTANGULAR POWER CONNECTORS



**TE CONNECTIVITY (TE)**  
**03P UMNL PLUG HSG**  
 MATE-N-LOK | Universal MATE-N-LOK

2-480700-0  
 TE Internal Number: 2-480700-0

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, 3 CIRCUIT, UNIVERSAL MATE-N-LOK\(TM\)](#)

PDF  
 English

## CAD Files

[3D PDF](#)

PDF  
 English

[Customer View Model](#)

3D\_STP.ZIP  
 English

[Customer View Model](#)

2D\_DXF.ZIP  
 English

[Customer View Model](#)

3D\_IGS.ZIP  
 English

## Catalog Pages/Data Sheets

[SOFT\\_SHELL\\_PIN\\_SOCKET\\_CONNECTORS\\_STANDARD\\_DENSITY](#)

PDF  
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## Product Specifications

Product Specification

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

PDF  
 English

Application Specification

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

PDF  
 English

## Product Environmental Compliance

TE Material Declaration

[MD\\_2-480700-0\\_04162015237\\_dmtec](#)

PDF  
 English

## Instruction Sheets

Instruction Sheet (U.S.)

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

Universal, Commercial, And .140 MATE-N-LOK Contact And Housing Selection Charts

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

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-2</b>
	Housing Color	<b>Natural</b>
	Housing Material	<b>Nylon GF</b>

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 – 125 °C [ -67 – 257 °F ]</b>

Industry Standards	Glow Wire Rating	<b>Standard Part - Not Glow Wire</b>
	UL Rating	<b>Recognized</b>
	VDE Tested	<b>Yes</b>
	CSA Rating	<b>Certified</b>

CSA File Number	<b>LR16455</b>
Agency/Standard Number	<b>E28476</b>
Agency/Standard	<b>CSA, UL</b>

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

Other	For Use With	<b>Appropriate Universal MATE-N-LOK Cap or Header</b>
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Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

RADIAL-LEADED DEVICES	RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS	CRIMP RINGS & SPADES
<p>RUEF700 RUEF700</p> <p><a href="#">Save to List</a></p> <p><a href="#">Find Similar Products</a></p>	<p>MICRO MNL HDR ASSY S/ROW LF 2-1445099-3</p> <p><a href="#">Save to List</a></p> <p><a href="#">Find Similar Products</a></p>	<p>03P UMNL CAP HSG YELL 1-480701-4</p> <p><a href="#">Save to List</a></p> <p><a href="#">Find Similar Products</a></p>	 <p>TERMINAL, PIDG R 12-10 10 8-35109-1</p> <p><a href="#">Save to List</a></p> <p><a href="#">Find Similar Products</a></p>

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[Compare 0/10](#)

Relation Type ▼

### RELATIONSHIP

#### Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)



#### PRODUCT - CONTACTS

Connectors - Power Contacts  
MATE-N-LOK | Universal MATE-N-LOK  
**UMNL PIN 24-18 .0126**  
**AU/BR - 350561-2**  
TE INTERNAL NUMBER: 350561-2

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **19 A**

Operating Voltage **600 VAC**

Wire/Cable Size **24 - 18 AWG**

RELATIONSHIP

**Contacts**

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



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

**UMNL GRND PIN 20-14**  
**PTPBR - 350654-1**

TE INTERNAL NUMBER: 350654-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **19 A**

Operating Voltage **600 VAC**

Operating Voltage **600 VDC**

Wire/Cable Size **20 – 14 AWG**



RELATIONSHIP

**Contacts**

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



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

**UMNL SOK 24-18**  
**AUPHBZ L/P - 350689-6**

TE INTERNAL NUMBER: 350689-6

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **19 A**

Operating Voltage **600 VAC**

Wire/Cable Size **24 – 18 AWG**

Wire/Cable Size **.2 – .8 mm<sup>2</sup>**

