



CONNECTORS

## RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

### 03P UMNL CAP HSG NATL

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

1-480701-0

TE Internal Number: 1-480701-0

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Receptacle**

Connector System **Wire-to-Panel, Wire-to-Wire**

Applies To **Panel, Wire/Cable**

Number of Positions **3**

✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**



#### Product Drawings

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

PDF  
English

#### CAD Files

[3D PDF](#)

PDF  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[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	<a href="#">Universal MATE-N-LOK Connectors</a> PDF English
Application Specification	<a href="#">Universal MATE-N-LOK Connector</a> PDF English
	<a href="#">Universal MATE-N-LOK Connectors</a> PDF English

## Product Environmental Compliance

TE Material Declaration	<a href="#">MD_1-480701-0_07222014117_dmtec</a> PDF English
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## Instruction Sheets

Instruction Sheet (U.S.)	<a href="#">Universal MATE-N-LOK Connectors</a> PDF English
	<a href="#">Universal, Commercial, And .140 MATE-N-LOK Contact And Housing Selection Charts</a> 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	<b>Housing</b>
	Housing Type	<b>Receptacle</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>
	Operating Voltage (VDC)	<b>600</b>

Contact Features	Contact Retention	<b>Without</b>
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Mechanical Attachment	Panel Mount Retention Type	<b>Patch &amp; Tabs</b>
	Panel Mount Retention	<b>With</b>
	Assembly Integration Feature	<b>Without</b>

Housing Features	UL Flammability Rating	<b>UL 94V-2</b>
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Housing Color **Natural**

Housing Material **Nylon GF**

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Dimensions Panel Thickness **.76 – 2.29 mm [ .03 – .09 in ]**

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Usage Conditions Sealed Condition **Not Sealed**

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Operation/Application Connector System **Wire-to-Panel, Wire-to-Wire**

Applies To **Panel, Wire/Cable**

Operating Temperature **-55 – 125 °C [ -67 – 257 °F ]**

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Industry Standards Glow Wire Rating **Standard Part - Not Glow Wire**

UL Rating **Recognized**

VDE Tested **Yes**

CSA Rating **Certified**

CSA File Number **LR7189**

Agency/Standard Number **E28476**

Agency/Standard **CSA, UL**

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Packaging Features Packaging Method **Package**

Packaging Quantity **1**

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Other For Use With **Appropriate Universal MATE-N-LOK Plug**

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Product Compliance [Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

