



# RECTANGULAR POWER CONNECTORS



## TE CONNECTIVITY (TE) 12P UMNL PLUG HSG MATE-N-LOK | Universal MATE-N-LOK

350735-1  
TE Internal Number: 350735-1  
Alias ID: 946668-000, AMPS-0-0350735-1

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **12**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

[PLUG, 12 CIRCUIT, UNIVERSAL MATE-N-LOK\(TM\)](#)

PDF  
English

### CAD Files

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
English

### Catalog Pages/Data Sheets

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

PDF  
English

### 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\\_350735-1\\_07222014642\\_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>12</b>
	Centerline	<b>6.35 mm [ .25 in ]</b>
	Number of Rows	<b>3</b>
	Row-to-Row Spacing	<b>6.35 mm [ .25 in ]</b>
	Contact Layout	<b>Matrix</b>
	Multiple Contact Types	<b>Without</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>
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 – 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>



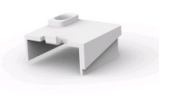

Other	For Use With	<b>Appropriate Universal MATE-N-LOK Cap or Header</b>
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Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p>  <p><b>12P UMNL CAP HSG</b> 350783-1</p> <p><a href="#">Save to List</a></p> <p><a href="#">Find Similar Products</a></p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p><b>15P UMNL PLUG HSG</b> 350736-1</p> <p><a href="#">Save to List</a></p> <p><a href="#">Find Similar Products</a></p>	<p>RECTANGULAR BOOTS &amp; STRAIN RELIEF</p>  <p><b>12P UMNL STR/REL</b> 640717-1</p> <p><a href="#">Save to List</a></p> <p><a href="#">Find Similar Products</a></p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p><b>12P UMNL PIN HDR ASSY 94VO</b> 350713-1</p> <p><a href="#">Save to List</a></p> <p><a href="#">Find Similar Products</a></p>
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Products - 162 Results

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Relation Type ▼

### RELATIONSHIP

#### Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

#### PRODUCT - CONTACTS



Connectors - Power Contacts  
MATE-N-LOK I Universal MATE-N-LOK  
**UMNL SOK 18-14 .0125**  
**PTPPHBZ - 350874-3**  
TE INTERNAL NUMBER: 350874-3

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **19 A**





✓ Active

Operating Voltage **600 VAC**

Wire/Cable Size **18 – 14 AWG**

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

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



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

**12P UMNL PIN HDR**  
**ASSY 94VO - 641974-1**  
TE INTERNAL NUMBER: 641974-1

✓ Active

Always EU RoHS/ELV Compliant



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 SPLIT PIN 24-18**  
**AUBR L/P - 350706-7**  
TE INTERNAL NUMBER: 350706-7

✓ 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>**

