



# RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

## 08P UMNL PLUG HSG V2 NATL

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

640586-1

TE Internal Number: 640586-1

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **8**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

[PLUG, 8 CIRCUIT, UNIVERSAL MATE-N-LOK](#)

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

[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\\_640586-1\\_070620142359\\_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.

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Product Type Features	Product Type	<b>Housing</b>
	Housing Type	<b>Plug</b>
	Contact Type	<b>Pin or Socket</b>

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Configuration Features	Number of Positions	<b>8</b>
	Centerline	<b>6.35 mm [ .25 in ]</b>
	Number of Rows	<b>1</b>
	Multiple Contact Types	<b>Without</b>
	Contact Layout	<b>Inline</b>

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Electrical Characteristics	Operating Voltage (VAC)	<b>600</b>
	Operating Voltage (VDC)	<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>
	Panel Mount Retention	<b>Without</b>

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Housing Features	UL Flammability Rating	<b>UL 94V-0</b>
	Housing Color	<b>Natural</b>
	Housing Material	<b>Nylon GF</b>

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Dimensions	Width (mm)	<b>14.73</b>
	Length (mm)	<b>52.07</b>

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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>
	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>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

RECTANGULAR POWER CONNECTORS	CIRCULAR I/O DIN CONNECTORS	HARD METRIC BACKPLANE CONNECTORS	MOTOR TERMINAL HOUSINGS
 <p><b>8P UNIV.M-N-L.CAP</b> 926308-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p><b>5 CIRC DIN RCPT GRND SHLD</b> 5212044-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p><b>HM-ZD 2PR RECP 40P</b> 1469028-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p><b>FF 375 PLUG HSG 2P NYLON BLACK</b> 171447-2</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>

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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 | Universal MATE-N-LOK

**UMNL PIN 20-14**  
**PTPPHBZ L/P - 350552-3**  
TE INTERNAL NUMBER: 350552-3

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **19 A**

Operating Voltage **600 VAC**

Wire/Cable Size **20 – 14 AWG**

Wire/Cable Size **.5 – 2 mm<sup>2</sup>**



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 20-14 .0126**  
**AUNI/BR - 350536-7**  
TE INTERNAL NUMBER: 350536-7

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **19 A**

Operating Voltage **600 VAC**

Wire/Cable Size **20 – 14 AWG**

Wire/Cable Size **.5 – 2 mm<sup>2</sup>**



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**  
**PTPPHBZ - 350570-3**  
TE INTERNAL NUMBER: 350570-3  
ALIAS ID: 403761786

✓ 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 **24 – 18 AWG**

