



# RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

## 18P MINI UMNL PLUG HSG

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

770584-1

TE Internal Number: 770584-1  
Alias ID: 0-0770584-1

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **18**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

[PLUG, 18 CIRCUIT, MINI UNIVERSAL MATE-N-LOK](#)

PDF  
English

### CAD Files

[3D PDF](#)

PDF  
3D

[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\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

PDF  
English

[1-1773458-0\\_MINI\\_UNIVERSAL\\_MATE\\_N\\_LOK\\_CONNECTOR\\_SYSTEM\\_ORG](#)

PDF  
English

### Product Specifications

Application Specification

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

PDF  
English

### Product Environmental Compliance

TE Material Declaration

[MD\\_770584-1\\_12122015157\\_dmtec](#)

PDF  
English

### Instruction Sheets

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>Socket</b>
Configuration Features	Number of Positions	<b>18</b>
	Centerline	<b>4.14 mm [ .163 in ]</b>
	Number of Rows	<b>2</b>
	Row-to-Row Spacing	<b>4.14 mm [ .163 in ]</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>
Mechanical Attachment	Panel Mount Retention	<b>Without</b>
	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 66/6</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>-20 – 105 °C [ -4 – 221 °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 Certified	<b>Yes</b>

CSA Rating	<b>Certified</b>
CSA File Number	<b>LR7189</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>Mini-Universal MATE-N-LOK Cap Housing</b>
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Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	POWER CONTACTS	POWER CONTACTS	CRIMP RINGS & SPADES
			
<b>15 CIR UNIV M-N-L PLUG</b> 172171-1	<b>MINI UMNL SOCKET SN</b> 770834-1	<b>MICRO MNL RPT CNT STRP 30AU LF</b> 1-794606-2	<b>TERMINAL, SOLIS R 12-10 5/16</b> 2-33459-6
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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 | Mini-Universal MATE-N-LOK  
**MINI UNIVERSAL M-N-L PIN - 170360-3**  
TE INTERNAL NUMBER: 170360-3

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **7 A**

Operating Voltage **600 VAC**

Operating Voltage **600 VDC**

RELATIONSHIP

**Contacts**

Identifies Contacts compatible with a given Housing

[See All Contacts](#)



PRODUCT - CONTACTS

Connectors - Power Contacts  
MATE-N-LOK I Mini-Universal MATE-N-LOK

**MINI UMNL PIN 22-18  
AWG AU LP - 1-770987-0**

TE INTERNAL NUMBER: 1-770987-0

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **11.2 A**

Operating Voltage **600 VAC**

Operating Voltage **600 VDC**

Wire/Cable Size **22 – 18 AWG**



RELATIONSHIP

**Contacts**

Identifies Contacts compatible with a given Housing

[See All Contacts](#)



PRODUCT - CONTACTS

Connectors - Power Contacts  
MATE-N-LOK I Mini-Universal MATE-N-LOK

**MINI UMNL PIN 22-18  
AWG AU - 770903-3**

TE INTERNAL NUMBER: 770903-3

✓ Active

5 of 6 EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **11.2 A**

Operating Voltage **600 VAC**

Operating Voltage **600 VDC**

Wire/Cable Size **22 – 18 AWG**

