



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

9 CIR UNIV M-N-L PLUG

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

172169-1

TE Internal Number: 172169-1

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **9**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[9Pos MINI UNIVERSAL MATE-N-LOCK CONN. PLUG HOUSING \(UL94V-O\)](#)

PDF (TIFF AVAILABLE)
English

[9Pos MINI UNIVERSAL MATE-N-LOCK CONN. PLUG HOUSING \(UL94V-O\)](#)

PDF (TIFF AVAILABLE)
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_AND_SOCKET_CONNECTORS_CATALOG](#)

PDF
English

[1-1773458-0_MINI_UNIVERSAL_MATE_N_LOK_CONNECTOR_SYSTEM_QRG](#)

PDF
English

Product Specifications

Product Specification

[Mini-Universal MATE-N-LOK Connector\(UL 94V-0 Grade\)](#)

TIF
English

[Mini-Universal MATE-N-LOK Connector\(UL 94V-0 Grade\)](#)

PDF
English

Application Specification

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

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_172169-1_06052015312_dmtec](#)
PDF
English

Instruction Sheets

Instruction Sheet (non U.S.)

[Mini-Universal MATE-N-LOK Connector](#)
TIF
Japanese

[Mini-Universal MATE-N-LOK Connector](#)
PDF
Japanese

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	Housing
Housing Type	Plug
Contact Type	Socket

Configuration Features

Number of Positions	9
Centerline	4.14 mm [.163 in]
Number of Rows	3
Row-to-Row Spacing	4.14 mm [.163 in]
Multiple Contact Types	Without
Contact Layout	Matrix

Electrical Characteristics

Operating Voltage (VAC)	600
Operating Voltage (VDC)	600

Contact Features

Contact Retention	Without
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Mechanical Attachment

Assembly Integration Feature	Without
Panel Mount Retention	Without

Housing Features

UL Flammability Rating	UL 94V-0
Housing Color	Natural
Housing Material	Nylon 66/6

Usage Conditions

Sealed Condition	Not Sealed
Insertion Force (kg)	6.4

Operation/Application	Connector System	Wire-to-Wire
	Applies To	Wire/Cable
	Operating Temperature	-20 – 105 °C [-4 – 221 °F]





Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	UL Rating	Recognized
	CSA File Number	LR7189
	Agency/Standard	CSA, UL
	VDE Tested	Yes
	CSA Rating	Certified
	Agency/Standard Number	E28476

Packaging Features	Packaging Method	Bag
	Packaging Quantity	500

Other	For Use With	Mini-Universal MATE-N-LOK Cap Housing/PC Board Pin Headers
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Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS	POWER CONTACTS	RELAY SOCKETS
			
9 CIR UNIV M-N-L CAP 172161-1	5P SR RCPT VAL-U-LOK V2 1586026-5	MINI UMNL SOK CONT 22-18 AWG 770904-4	V23333Z0001A007-EV-100 1-1904045-1
Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products

Products - 87 Results

[View All](#) [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 I Mini-Universal MATE-N-LOK

**MINI UMNL PIN 26-
22AWG AU LP - 770985-3**
TE INTERNAL NUMBER: 770985-3

✓ Active

Not EU RoHS or ELV Compliant

Product Type **Contact**

Contact Current Rating **11.2 A**

Operating Voltage **600 VAC**

Operating Voltage **600 VDC**

Wire/Cable Size **26 – 22 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 SOK 26-
22AWG SN LP - 770986-1**
TE INTERNAL NUMBER: 770986-1
ALIAS ID: 010-5172-00

✓ 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 **26 – 22 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

**UNIV M-N-L PIN 22-18
AWG - 170360-1**

TE INTERNAL NUMBER: 170360-1
ALIAS ID: 0-0170360-1, DUL-PIN-22-18AW-UNIV-MNL,
E24915-000

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **7 A**

Operating Voltage **600 VAC**

Operating Voltage **600 VDC**

Wire/Cable Size **22 – 18 AWG**

