



RECTANGULAR POWER CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**



TE CONNECTIVITY (TE)

15 CIR UNIV M-N-L CAP

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

172163-1

TE Internal Number: 172163-1

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 **15**

Product Drawings

[15Pos MINI UNIVERSAL MATE-N-LOCK CONN. CAP HOUSING \(UL94V-O\)](#)

PDF (**TIFF AVAILABLE**)
English

[15Pos MINI UNIVERSAL MATE-N-LOCK CONN. CAP HOUSING \(UL94V-O\)](#)

PDF (**TIFF AVAILABLE**)
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
3D

Catalog Pages/Data Sheets

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

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

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

PDF
English

Application Specification

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

PDF
English

Qualification Test Report

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

Product Environmental Compliance

TE Material Declaration [MD_172163-1_041720122322](#)
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	Receptacle
	Contact Type	Pin
Configuration Features	Number of Positions	15
	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
Mechanical Attachment	Assembly Integration Feature	Without
	Panel Mount Retention Type	Mounting Ears
	Panel Mount Retention	With
Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	Natural
	Housing Material	Nylon 6/6

Dimensions	Panel Thickness	.8 – 2 mm [.031 – .078 in]
	Width (mm)	14.55
	Length (mm)	27.5
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Panel, Wire-to-Wire
	Applies To	Panel, 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
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

Products - 79 Results

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Relation Type 

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS		
Connectors - Power Contacts		

5 of 6 EU RoHS/ELV Compliant



MATE-N-LOK | Mini-Universal MATE-N-LOK
MINI UMNL PIN 22-18
AWG AU - 770903-3
TE INTERNAL NUMBER: 770903-3

✓ Active

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 Mini-Universal MATE-N-LOK MINI UMNL SOK 20-16 AWG AU LF - 1-794407-1 TE INTERNAL NUMBER: 1-794407-1	Always EU RoHS/ELV Compliant
	✓ Active	Product Type Contact Contact Current Rating 11.2 A Operating Voltage 600 VAC Operating Voltage 600 VDC Wire/Cable Size 20 – 16 AWG

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 U-M-N-L PIN CONTACT - 171636-1 TE INTERNAL NUMBER: 171636-1	Always EU RoHS/ELV Compliant
	✓ Active	Product Type Contact Contact Current Rating 7 A Operating Voltage 600 VAC Operating Voltage 600 VDC Wire/Cable Size 20 – 16 AWG