



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

MINI UNIVERSAL MATE-N-LOK CAP HOUSING 6P

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

172331-1

TE Internal Number: 172331-1

Alias ID: 0-0172331-1

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Receptacle**

Connector System **Wire-to-Wire**

Applies To **Panel, Wire/Cable**

Number of Positions **6**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[MINI UNIVERSAL MATE N LOK CONN. CAP HOUSING 6 POS. \(UL94V 2\)](#)

PDF (TIFF AVAILABLE)
English

[MINI UNIVERSAL MATE N LOK CONN. CAP HOUSING 6 POS. \(UL94V 2\)](#)

PDF (TIFF AVAILABLE)
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[3D PDF](#)

PDF
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\(UL 94V-2\)](#)

TIF
English

[Mini-Universal MATE-N-LOK Connector\(UL 94V-2\)](#)

PDF
English

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

PDF

Application Specification	English Mini-Universal MATE-N-LOK Connectors
Qualification Test Report	PDF English Mini-Universal MATE-N-LOK* Connector

Product Environmental Compliance

TE Material Declaration	MD_172331-1_0121201529_dmtec
	PDF English

Instruction Sheets

Instruction Sheet (U.S.)	Mini-Universal MATE-N-LOK Connectors
	PDF English

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	6
Centerline	4.2 mm [.165 in]
PCB Mounting Orientation	Horizontal
Number of Power Positions	6
Number of Signal Positions	0
Number of Rows	2
Row-to-Row Spacing	4.2 mm [.163 in]
Board-to-Board Configuration	Co-Planar
Multiple Contact Types	Without

Electrical Characteristics

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

Contact Features

Contact Retention	Without
Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material	Pre-Tin

Termination Features





Termination Method to Wire/Cable	Crimp
Termination Method to PC Board	Through Hole

Mechanical Attachment	Panel Mount Retention Type	Mounting Ears
	Panel Mount Retention	With
	Assembly Integration Feature	Without
Housing Features	UL Flammability Rating	UL 94V-2
	Housing Color	Natural
	Housing Material	Nylon 6/6
Dimensions	Panel Thickness	.8 – 2 mm [.031 – .078 in]
Usage Conditions	Sealed Condition	Not Sealed
	Insertion Force (kg)	5.5
Operation/Application	Connector System	Wire-to-Wire
	Applies To	Panel, Wire/Cable
	Operating Temperature	-20 – 105 °C [-4 – 221 °F]
	Circuit Application	Power
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	UL Rating	Recognized
	VDE Tested	Yes
	CSA Rating	Certified
	CSA File Number	LR7189
	Agency/Standard Number	E28476
	Agency/Standard	CSA, UL
Packaging Features	Packaging Method	Bag
	Packaging Quantity	500
Other	For Use With	Mini-Universal MATE-N-LOK Plug Housing

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p>  <p>MINI UNIVERSAL M-N-L HOUSING 172343-1</p> <p>Save to List Find Similar Products</p>	<p>I/O CONNECTOR CONTACTS</p>  <p>FF FLACHSTECKER 2, 8 928931-1</p> <p>Save to List Find Similar Products</p>	<p>POWER CONTACTS</p>  <p>UNIV M-N-L PIN 22-18 AWG 170360-1</p> <p>Save to List Find Similar Products</p>	<p>WIRE-TO-BOARD CONNECTOR HOUSINGS</p>  <p>2X8 MTE RCPT SR LATCH .100CL 103957-7</p> <p>Save to List Find Similar Products</p>
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Products - 79 Results

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Relation Type ▼

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

	<p>PRODUCT - CONTACTS</p> <p>Connectors - Power Contacts MATE-N-LOK I Mini-Universal MATE-N-LOK</p> <p>MINI UMNL SOK 26-22AWG SN LP - 770986-1 TE INTERNAL NUMBER: 770986-1 ALIAS ID: 010-5172-00</p> <p>✓ Active</p> <p>Always EU RoHS/ELV Compliant</p> <p>Product Type Contact</p> <p>Contact Current Rating 11.2 A</p> <p>Operating Voltage 600 VAC</p> <p>Operating Voltage 600 VDC</p> <p>Wire/Cable Size 26 – 22 AWG</p>
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RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

	<p>PRODUCT - CONTACTS</p> <p>Connectors - Power Contacts MATE-N-LOK I Mini-Universal MATE-N-LOK</p> <p>MINI UMNL PIN 22-18 AWG AU - 1-770903-0 TE INTERNAL NUMBER: 1-770903-0</p> <p>✓ Active</p> <p>Always EU RoHS/ELV Compliant</p> <p>Product Type Contact</p> <p>Contact Current Rating 11.2 A</p> <p>Operating Voltage 600 VAC</p> <p>Operating Voltage 600 VDC</p> <p>Wire/Cable Size 22 – 18 AWG</p>
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RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)



Connectors - Power Contacts
MATE-N-LOK I Mini-Universal MATE-N-LOK
MINI UMNL SOCKET
PHBR - 770834-4
TE INTERNAL NUMBER: 770834-4

✓ 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 **30 – 26 AWG**

