



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

3P MINI UNIVERSAL MATE-N-LOK CAP HOUSING

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

172234-1

TE Internal Number: 172234-1

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Receptacle**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **3**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[MINI UNIVERSAL MATE-N-LOK CAP HOUSING 3Pos. \(FREE HANGING TYPE\)](#)

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_AND_SOCKET_CONNECTORS_CATALOG](#)

PDF
English

[1-1773458-0_MINI_UNIVERSAL_MATE_N_LOK_CONNECTOR_SYSTEM_ORG](#)

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_172234_1_101220141128_dwtac](#)

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	3
	Centerline	4.14 mm [.163 in]
	PCB Mounting Orientation	Horizontal
	Number of Power Positions	3
	Number of Signal Positions	0
	Number of Rows	1
	Board-to-Board Configuration	Co-Planar
	Multiple Contact Types	Without
	Contact Layout	Inline
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	Assembly Integration Feature	Without
	Panel Mount Retention	Without
Housing Features	UL Flammability Rating	UL 94V-0
	UL RoHS Rating	UL 1005

	Housing Color	Natural
	Housing Material	Nylon 66/6
Usage Conditions	Sealed Condition	Not Sealed
	Insertion Force (kg)	3.3
Operation/Application	Connector System	Wire-to-Wire
	Applies To	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
	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 Plug Housing
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

THROUGH-HOLE RESISTORS	THROUGH-HOLE RESISTORS	CRIMP QUICK DISCONNECTS	RECTANGULAR POWER CONNECTORS
<p>1W SM M/OX 5% 3R9 ROX15J3R9</p> <p>Save to List</p> <p>Find Similar Products</p>	<p>2W SM M/OX 5% 3R9 ROX25J3R9</p> <p>Save to List</p> <p>Find Similar Products</p>	<p>.187 FAST REC IS 20-16 TPBR 42452-2</p> <p>Save to List</p> <p>Find Similar Products</p>	<p>3 CIR UNIV M-N-L PLUG 172166-1</p> <p>Save to List</p>

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
MATE-N-LOK I Mini-Universal MATE-N-LOK**MINI UMNL PIN 22-
18AWG SN LP - 770987-1**

TE INTERNAL NUMBER: 770987-1

✓ 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 SOK 22-18
AWG SN - 770904-1**TE INTERNAL NUMBER: 770904-1
ALIAS ID: 2-42939-6041

✓ 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 SOK 26-22
AWG AU LF - 1-770902-1**

TE INTERNAL NUMBER: 1-770902-1

✓ 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**