



POWER CONTACTS



TE CONNECTIVITY (TE)

MINI UNIVERSAL M-N-L SOCKET LP

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

170366-1

TE Internal Number: 170366-1

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating (A) **7**

Operating Voltage (VAC) **600**

Operating Voltage (VDC) **600**

Wire/Cable Size (AWG) **22 – 18**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[MINI UNIVERSAL MATE-N-LOK SOCKET CONTACT LOOSE PIECE](#)

PDF (TIFF AVAILABLE)
English

[MINI UNIVERSAL MATE-N-LOK SOCKET CONTACT LOOSE PIECE](#)

PDF (TIFF AVAILABLE)
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

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

TIF
English

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

PDF
English

Application Specification

[Crimping Of Mini-Universal MATE-N-LOK Contact](#)

TIF

Japanese

[Crimping Of Mini-Universal MATE-N-LOK Contact](#)

Product Environmental Compliance

TE Material Declaration

[MD_170366-1_0707201498_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	Contact
Electrical Characteristics	Contact Current Rating (A)	7
	Operating Voltage (VAC)	600
	Operating Voltage (VDC)	600
Contact Features	Contact Type	Socket
	Contact Base Material	Brass
	Contact Mating Area Plating Material	Pre-Tin
	Barrel Type	Open Barrel
Termination Features	Wire/Cable Size (AWG)	22 – 18
	Wire/Cable Size (mm ²)	.3 – .89, .3 – .9
	Termination Type	Crimp
Mechanical Attachment	Contact Retention in Housing	With
Dimensions	Mating Pin Diameter	1.8 mm [.071 in]
	Accepts Wire Insulation Diameter Range (mm)	1.5 – 2.4, 3.4
	Accepts Wire Insulation Diameter Range (in)	.059 – .0941, .134
Operation/Application	Operating Temperature Range	-20 – 105 °C [-4 – 221 °F]
	Connector System	Wire-to-Wire


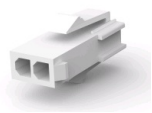
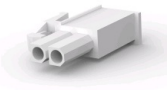

Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	UL File Number	E28476
	Agency/Standard	CSA, UL
	VDE Tested	Yes
	CSA File Number	LR 7189
	UL Rating	Recognized
	CSA Rating	Certified
Packaging Features	Packaging Method	Bag
	Packaging Quantity	300
Other	For Use With	Plug Housing
	Wire/Cable Type	Discrete Wire
	Wire Type	Stranded

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>POWER CONTACTS</p>  <p>MINI UNIVERSAL M-N-L PIN LP 170364-1</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>2 CIR MINI U-M-N-L CAP NATL 172157-1</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>2 CIR UNIV M-N-L PLUG NATL 172165-1</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>4 CIR UNIV M-N-L CAP 172159-1</p> <p>Save to List Find Similar Products</p>
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Products - 120 Results

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[Compare 0/10](#)

Relation Type ▼

RELATIONSHIP
Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)



PRODUCT - HOUSINGS

Connectors - Rectangular Connector Housings
MATE-N-LOK I Mini-Universal MATE-N-LOK

UNIVERSAL MATE-N-LOK PLUG 3P - 1-172337-2

TE INTERNAL NUMBER: 1-172337-2

Active

Always EU RoHS/ELV Compliant

Connector System **Wire-to-Wire**

Insertion Force **3.3 kg**

Centerline **4.2 mm**

Number of Positions **3**

Number of Rows **1**



RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)



PRODUCT - HOUSINGS

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

2 CIR UNIV M-N-L PLUG NATL - 172165-1

TE INTERNAL NUMBER: 172165-1
ALIAS ID: 2-42939-6011

Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **2**



RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)



PRODUCT - HOUSINGS

Connectors - Rectangular Connector Housings
MATE-N-LOK I Mini-Universal MATE-N-LOK

9 POS TR MINI UNIVERSAL M-N-L - 1-172340-6

TE INTERNAL NUMBER: 1-172340-6

Preliminary

Always EU RoHS/ELV Compliant

Connector System **Wire-to-Wire**

Insertion Force **7 kg**

Centerline **4.2 mm**

Row-to-Row Spacing **4.2 mm**

Number of Positions **9**

