



POWER CONTACTS



TE CONNECTIVITY (TE)

MINI U-M-N-L SOCKET CONTACT

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

171637-1

TE Internal Number: 171637-1

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) **20 – 16**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[Socket Contact \(Mini Universal M-N-L\)](#)

PDF
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
English

Catalog Pages/Data Sheets

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

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\(UL 94V-0 Grade\)](#)

TIF
English

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

PDF
English

Application Specification

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

TIF
Japanese

Product Environmental Compliance

TE Material Declaration

[MD_171637-1_04032015233_dmtec](#)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	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
Termination Features	Wire/Cable Size (AWG)	20 – 16
	Wire/Cable Size (mm ²)	.5 – 1.3
	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)	2 – 3.2, 2.4
	Accepts Wire Insulation Diameter Range (in)	.079 – .126, .094
Operation/Application	Applies To	Wire/Cable
	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	Strip
	Packaging Quantity	4000

Other	Comment	HDM Applicator part number ending in -1 is used on AMPOMATOR CLS Machine with T or G Terminators, -2 is used on AMP-O-LECTRIC Model K Machine, -3 is used on AMP-O-LECTRIC Model G Machine.
	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

RECTANGULAR POWER CONNECTORS



08P MINI UMNL PLUG HSG
770579-1

[Save to List](#)
[Find Similar Products](#)

RECTANGULAR POWER CONNECTORS



4P RCPT VAL-U-LOK V2
794954-4

[Save to List](#)
[Find Similar Products](#)

RECTANGULAR POWER CONNECTORS



MINI UMNL PLUG HOUSING 4P
172338-1

[Save to List](#)
[Find Similar Products](#)

POWER CONTACTS



UNIV. M-N-L PIN
170359-4

[Save to List](#)
[Find Similar Products](#)

Products - 124 Results

[View All](#)

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
15 POS TR MINI UNIV
- 1-172163-2
TE INTERNAL NUMBER: 1-172163-2

✓ Active

Always EU RoHS/ELV Compliant

Connector System **Wire-to-Panel,**
Wire-to-Wire

Centerline **4.14 mm**

Row-to-Row Spacing **4.14 mm**

Number of Positions **15**

Number of Rows **3**



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
4CIR MINI-UMNL CAP
RED - 1-172330-2
TE INTERNAL NUMBER: 1-172330-2

✓ Active

Always EU RoHS/ELV Compliant

Connector System **Wire-to-Wire**

Insertion Force **3.9 kg**

Centerline **4.2 mm**

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

Number of Positions **4**



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
14P MINI UMNL PLUG
HSG - 770582-1
TE INTERNAL NUMBER: 770582-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **14**

