

POWER CONTACTS















PRODUCT DRAWING



3D PDF

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

Product Drawings

Socket Contact (Mini Universal M-N-L)

PDF **English**

CAD Files

Customer View Model

3D IGS.ZIP

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

Application Specification

Mini-Universal MATE-N-LOK Connector(UL 94V-2)

English

Mini-Universal MATE-N-LOK Connector(UL 94V-2)

English

Mini-Universal MATE-N-LOK Connector(UL 94V-0 Grade)

TIF English

Mini-Universal MATE-N-LOK Connector(UL 94V-0 Grade)

Crimping Of Mini-Universal MATE-N-LOK Contact

Japanese

Crimping Of Mini-Universal MATE-N-LOK Contact

PDF **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.

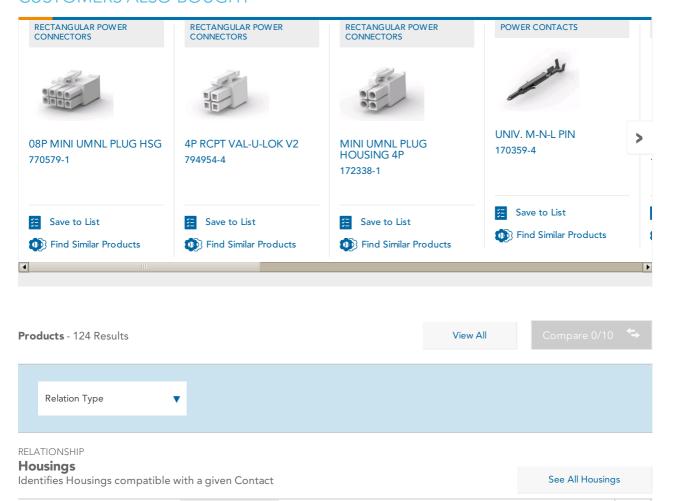
Product Type Features	Product Type	Contact
Electrical Characteristics	Contact Current Rating (A)	7
	Operating Voltage (VAC)	600
	Operating Voltage (VDC)	600
Contact Features	Contact Type	Socket
	Contact Base Material	Brass
	Contact Mating Area Plating Material	Pre-Tin
Termination Features	Wire/Cable Size (AWG)	20 – 16
	Wire/Cable Size (mm²)	.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 Discrete Wire** Wire/Cable Type Stranded Wire Type **Product Compliance** Statement of Compliance

PRODUCT - HOUSINGS

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT





Connectors - Rectangular Connector Housings MATE-N-LOK | 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 | 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 | 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

