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TE CONNECTIVITY (TE)

MINI UMNL PIN SN

[MATE-N-LOK](#) | [Mini-Universal MATE-N-LOK](#)

770835-1

TE Internal Number: 770835-1

[Always EU RoHS/ELV Compliant](#)

Product Type **Contact**

Contact Current Rating (A) **9.5**

Operating Voltage (VAC) **600**

Operating Voltage (VDC) **600**

Wire/Cable Size (AWG) **30 – 26**

Product Drawings

[PIN MINI UNIVERSAL MATE-N-LOK\(TM\)](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
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[3D PDF](#)

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Catalog Pages/Data Sheets

[AMP Circular Connectors For Commercial Signal & Power Applications Continued](#)

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[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](#)

PDF
English

Application Specification

[Mini-Universal MATE-N-LOK Connectors](#)

PDF
English

Engineering Report

[Softshell Pin & Socket Contacts](#)

PDF
English

Qualification Test Report

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

PDF

Product Environmental Compliance

TE Material Declaration

[MD_770835-1_12122015211_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)	9.5
	Operating Voltage (VAC)	600
	Operating Voltage (VDC)	600
Contact Features	Contact Type	Pin
	Contact Base Material	Brass
	Contact Mating Area Plating Material	Pre-Tin
	Contact Termination Area Plating Material	Tin
Termination Features	Wire/Cable Size (AWG)	30 – 26
	Wire/Cable Size (mm ²)	.05 – .12
	Termination Type	Crimp
Mechanical Attachment	Contact Retention in Housing	With
Dimensions	Mating Pin Diameter	.99 mm [.039 in]
	Accepts Wire Insulation Diameter Range	.89 – 1.27 mm [.035 – .05 in]
Operation/Application	Applies To	Wire/Cable
	Operating Temperature Range	-55 – 155 °C [-67 – 257 °F]
	Connector System	Wire-to-Wire
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	UL Flammability Rating	UL 94V-0
	VDE Tested	Yes
	Agency/Standard	CSA, UL
	UL File Number	E28476

	CSA File Number	LR 7189
	UL Rating	Recognized
	CSA Rating	Certified
Packaging Features	Packaging Method	Reel
	Packaging Quantity	10000
Other	Wire/Cable Type	Discrete Wire
	Wire Type	Stranded
	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 or Cap Housing
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

Products - 178 Results

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Relation Type





RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)



	PRODUCT - HOUSINGS		
	<div>Connectors - Rectangular Power Connectors</div> <div>MATE-N-LOK I Mini-Universal MATE-N-LOK</div> <div>2 POS MINI UNIV FREE</div> <div>HANG RED - 1-172233-2</div> <div>TE INTERNAL NUMBER: 1-172233-2</div> <div>✓ Active</div>	Always EU RoHS/ELV Compliant	

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

	PRODUCT - HOUSINGS		
	<div>Connectors - Rectangular Connector Housings</div> <div>MATE-N-LOK I Mini-Universal MATE-N-LOK</div> <div>12 POS TR MINI UNIV</div>	Always EU RoHS/ELV Compliant	



12 POS TR MINI UNIV
- 1-172162-9

TE INTERNAL NUMBER: 1-172162-9

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

Centerline **4.14 mm**

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

Number of Positions **12**

Number of Rows **3**

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

2P MINI UMNL PLUG
HOUSING - 172336-1

TE INTERNAL NUMBER: 172336-1
ALIAS ID: 0-0172336-1

✓ Active

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Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **2**

