



CONNECTORS

POWER CONTACTS



TE CONNECTIVITY (TE)

MINI U-M-N-L PIN CONTACT

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

171636-1

TE Internal Number: 171636-1

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

Japan
PDF (**TIFF AVAILABLE**)
English

Japan
PDF (**TIFF AVAILABLE**)
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_SOCKET_CONNECTORS_STANDARD_DENSITY
PDF
English

Product Specifications

Product Specification	Mini-Universal MATE-N-LOK Connector(UL 94V-0 Grade)
	TIF
	English
Application Specification	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
	Crimping Of Mini-Universal MATE-N-LOK Contact
	TIF
	Japanese
	Crimping Of Mini-Universal MATE-N-LOK Contact
	PDF
	Japanese

Product Environmental Compliance

TE Material Declaration	MD_171636-1_011920142051_dmtec
	PDF
	English

Instruction Sheets

Instruction Sheet (non U.S.)	MINI UNIVERSAL MATE-N-LOK CONNECTOR
	PDF
	English
	MINI UNIVERSAL MATE-N-LOK CONNECTOR
	TIF
	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	Pin
	Contact Base Material	Brass
	Contact Mating Area Plating Material	Pre-Tin
	Contact Shape	Square
	Barrel Type	Open Barrel
Termination Features	Wire/Cable Size (AWG)	20 – 16
	Wire/Cable Size (mm)	0.5 – 1.3

Wire/Cable Size (mm²) **.5 – 1.5**

Termination Type **Crimp**

Mechanical Attachment Contact Retention in Housing **With**

Dimensions Mating Pin Diameter **1 mm [.0394 in]**

Accepts Wire Insulation Diameter Range (mm) **2 – 3.2, 2.4**

Accepts Wire Insulation Diameter Range (in) **.079 – .126, .094**

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**

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 **Loose Piece**

Packaging Quantity **4000**

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-ELECTRIC Model K Machine, -3 is used on AMP-O-ELECTRIC Model G Machine.**

For Use With **Plug or Cap Housing**

Product Compliance [Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)



