

POWER CONTACTS

















PRODUCT DRAWING



3D PDF

TE CONNECTIVITY (TE)

MINI UNIVERSAL M-N-L PIN

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

170360-3

TE Internal Number: 170360-3

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

Product Drawings

MINI UNIVERSAL MATE-N-LOK PIN CONTACT

PDF **English**

CAD Files

Customer View Model

2D DXF.ZIP

Customer View Model

3D_IGS.ZIP English

Customer View Model

3D_STP.ZIP English

3D PDF

PDF English

Product Specifications

Product Specification

Application 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**

Crimping Of Mini-Universal MATE-N-LOK Contact

Japanese

Crimping Of Mini-Universal MATE-N-LOK Contact

Japanese

Product Environmental Compliance

TE Material Declaration

MD_170360-3_05132014014_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**

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	Gold
	Contact Mating Area Plating Thickness	.76 μm [29.92 μin]
	Underplate Material	Nickel
	Underplate Material Thickness	1.27 μm [50 μin]
	Barrel Type	Open Barrel
Termination Features	Wire/Cable Size (AWG)	22 – 18
	Wire/Cable Size (mm²)	.3 – .59
	Termination Type	Crimp
Mechanical Attachment	Contact Retention in Housing	With
Dimensions	Mating Pin Diameter	1 mm [.0394 in]

Accepts Wire Insulation Diameter Range (mm) 1.5 – 2.4, 3.4

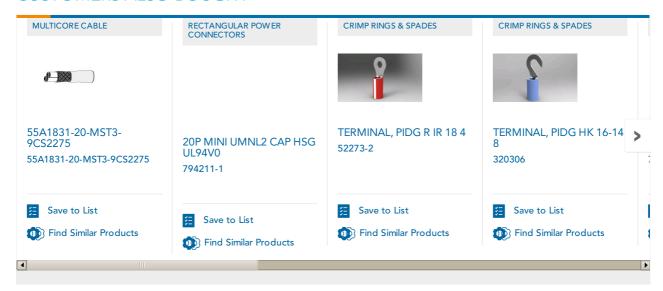
Operation/Application	Operating Temperature Range	-20 – 105 °C [-4 – 221 °F]
	Connector System	Wire-to-Wire
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	UL File Number	E28476
	Agency/Standard	CSA, UL
	VDE Tested	Yes
	CSA File Number	LR 7189
	UL Rating	Recognized
	CSA Rating	Certified
Packaging Features	Packaging Method	Reel
	Packaging Quantity	4000
Other	For Use With	Plug or Cap Housing
	Wire/Cable Type	Discrete Wire
	Wire Type	Stranded
Product Compliance	Statement of Compliance	

Product Compliance Statement of Compliance

PDF

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT



Relation Type

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

MINI UNIVERSAL MATE-N-LOK CAP HOUSING 9P - 172332-1

TE INTERNAL NUMBER: 172332-1 ALIAS ID: 0-0172332-1, 010-5171-00

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type Receptacle

Connector System Wire-to-Wire

Applies To Panel, Wire/Cable

Number of Positions 9

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

4 CIR UNIV M-N-L PLUG - 172167-1

TE INTERNAL NUMBER: 172167-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System Wire-to-Wire

Applies To Wire/Cable

Number of Positions 4

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

MINI-U-M-N-L 3P PLUG RED - 1-172166-2

TE INTERNAL NUMBER: 1-172166-2

✓ Active

Always EU RoHS/ELV Compliant

Connector System Wire-to-Wire

Centerline 4.2 mm

Number of Positions 3

Number of Rows 1

Housing Material Nylon 66/6

