



POWER CONTACTS



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**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

MINI UNIVERSAL MATE-N-LOK PIN CONTACT

PDF
English

CAD Files

Customer View Model

2D_DXF.ZIP
English

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

3D PDF

PDF
English

Product Specifications

Product 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

Application Specification

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_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 μ m [29.92 μ in]

Underplate Material

Nickel

Underplate Material Thickness

1.27 μ m [50 μ in]

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

Accepts Wire Insulation Diameter Range (in) **.059 – .0941, .134**

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 PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

MULTICORE CABLE  55A1831-20-MST3-9CS2275 55A1831-20-MST3-9CS2275 Save to List Find Similar Products	RECTANGULAR POWER CONNECTORS  20P MINI UMN2L2 CAP HSG UL94V0 794211-1 Save to List Find Similar Products	CRIMP RINGS & SPADES  TERMINAL, PIDG R IR 18 4 52273-2 Save to List Find Similar Products	CRIMP RINGS & SPADES  TERMINAL, PIDG HK 16-14 8 320306 Save to List Find Similar Products
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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**

