



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

6 CIR UNIV M-N-L CAP

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

172160-1

TE Internal Number: 172160-1

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Receptacle**

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

Applies To **Panel, Wire/Cable**

Number of Positions **6**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[6 POS MINI UNIVERSAL MATE-N-LOCK CONN. CAP HOUSING UL94V-0](#)

PDF
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_AND_SOCKET_CONNECTORS_CATALOG](#)

PDF
English

[1-1773458-0_MINI_UNIVERSAL_MATE_N_LOK_CONNECTOR_SYSTEM_ORG](#)

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](#)

PDF
English

Application Specification

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

PDF
English

Qualification Test Report

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

Product Environmental Compliance

TE Material Declaration

[MD_172160-1_1022201503_dmtc](#)
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

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	Housing
Housing Type	Receptacle
Contact Type	Pin

Configuration Features

Number of Positions	6
Centerline	4.14 mm [.163 in]
Number of Rows	2
Row-to-Row Spacing	4.14 mm [.163 in]
Multiple Contact Types	Without

Electrical Characteristics

Operating Voltage (VAC)	600
Operating Voltage (VDC)	600

Contact Features

Contact Retention	Without
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Mechanical Attachment

Assembly Integration Feature	Without
Panel Mount Retention Type	Mounting Ears
Panel Mount Retention	With

Housing Features

UL Flammability Rating	UL 94V-0
Housing Color	Natural
Housing Material	Nylon 6/6

Dimensions

Panel Thickness	.8 – 2 mm [.031 – .078 in]
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Width (mm) **9.8**

Length (mm) **11.8**

Usage Conditions Sealed Condition **Not Sealed**

Operation/Application Connector System **Wire-to-Panel, Wire-to-Wire**

Applies To **Panel, Wire/Cable**

Operating Temperature **-20 – 105 °C [-4 – 221 °F]**

Industry Standards Glow Wire Rating **Standard Part - Not Glow Wire**

UL Rating **Recognized**

CSA File Number **LR7189**

Agency/Standard **CSA, UL**

VDE Tested **Yes**

CSA Rating **Certified**

Agency/Standard Number **E28476**

Packaging Features Packaging Method **Bag**





Packaging Quantity **500**

Other For Use With **Mini-Universal MATE-N-LOK Cap Housing**

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	POWER CONTACTS	POWER CONTACTS	PCB D-SUB CONNECTORS
			
6 CIR UNIV M-N-L PLUG 172168-1	UNIV M-N-L SOC. 26-22 AWG 170361-1	MINI U-M-N-L PIN CONT. L.P 171638-1	15 PLUG SP/FMS (IN, SL) 5748026-1
Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products

Products - 79 Results

[View All](#)

[Compare 0/10](#)

Relation Type ▼

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Power Contacts
MATE-N-LOK I Mini-Universal MATE-N-LOK
**MINI UNML SCKT 20-16
AWG SN - 794407-1**
TE INTERNAL NUMBER: 794407-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **11.2 A**

Operating Voltage **600 VAC**

Operating Voltage **600 VDC**

Wire/Cable Size **20 – 16 AWG**



RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Power Contacts
MATE-N-LOK I Mini-Universal MATE-N-LOK
**MINI UMNL SOK PHBRZ
AU LF - 1-770834-1**
TE INTERNAL NUMBER: 1-770834-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **11.2 A**

Operating Voltage **600 VAC**

Operating Voltage **600 VDC**

Wire/Cable Size **30 – 26 AWG**



RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Power Contacts
MATE-N-LOK I Mini-Universal MATE-N-LOK
**MINI UNIVERSAL M-N-L
PIN LP - 170364-4**
TE INTERNAL NUMBER: 170364-4

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **7 A**

Operating Voltage **600 VAC**

Operating Voltage **600 VDC**

Wire/Cable Size **22 – 18 AWG**

