



# RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

## 2CIR MINI U-M-N-L CAP NATL

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

172157-1

TE Internal Number: 172157-1

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 **2**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

[2Pos MINI UNIVERSAL MATE-N-LOCK CONN. CAP HOUSING \(UL94V-O\)](#)

PDF (TIFF AVAILABLE)  
English

[2Pos MINI UNIVERSAL MATE-N-LOCK CONN. CAP HOUSING \(UL94V-O\)](#)

PDF (TIFF AVAILABLE)  
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

### Catalog Pages/Data Sheets

[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\(UL 94V-0 Grade\)](#)

TIF  
English

[Mini-Universal MATE-N-LOK Connector\(UL 94V-0 Grade\)](#)

PDF  
English

#### Application Specification

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

PDF  
English

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## Product Environmental Compliance

TE Material Declaration

[MD\\_172157-1\\_06052015312\\_dmtec](#)  
PDF  
English

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## 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.

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### Product Type Features

Product Type

**Housing**

Housing Type

**Receptacle**

Contact Type

**Pin**

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### Configuration Features

Number of Positions

**2**

Centerline

**4.14 mm [ .163 in ]**

Number of Rows

**1**

Multiple Contact Types

**Without**

Contact Layout

**Inline**

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### Electrical Characteristics

Operating Voltage (VAC)

**600**

Operating Voltage (VDC)

**600**

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### 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**

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### Housing Features

UL Flammability Rating

**UL 94V-0**

Housing Color

**Natural**

Housing Material

**Nylon 6/6**

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### Dimensions

Panel Thickness

**.8 – 2 mm [ .031 – .078 in ]**

Width (mm)

**11.95**

Height (mm) **11.8**

Length (mm) **23.7**

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**

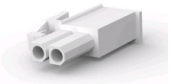



Packaging Quantity **500**

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	POWER CONTACTS
			
<b>2 CIR UNIV M-N-L PLUG NATL</b> 172165-1	<b>MINI UNIVERSAL M-N-L SOCKET LP</b> 170366-1	<b>MINI UMNL PIN 26-22AWG SN LP</b> 770985-1	<b>MINI U-M-N-L PIN CONT. LP</b> 171638-1
<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>

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[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 UMNL PIN 22-18  
AWG SN - 770903-1**  
TE INTERNAL NUMBER: 770903-1  
ALIAS ID: DUL-PIN-22-18AW-S/M-UMNL, E25278-000

✓ 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 **22 – 18 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 PIN SN  
- 770835-1**  
TE INTERNAL NUMBER: 770835-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **9.5 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 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**

