



TE Connectivity: Every Connection Counts
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+ CONNECTORS

POWER CONTACTS



✓ Active

↓ **PRODUCT DRAWING**
English

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TE CONNECTIVITY (TE)

MINI UMNL SOK 22-18 AWG AU

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

770904-3

TE Internal Number: 770904-3

Not EU RoHS Compliant

Not EU ELV Compliant

Product Type **Contact**

Contact Current Rating (A) **11.2**

Operating Voltage (VAC) **600**

Operating Voltage (VDC) **600**

Wire/Cable Size (AWG) **22 – 18**

Product Drawings

SOCKET, MINI UNIVERSAL MATE-N-LOK(TM)

PDF
English

CAD Files

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
3D

Catalog Pages/Data Sheets

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

PDF
English

Product Specifications

Application Specification

- [Mini-Universal MATE-N-LOK Connectors](#)
PDF
English
- [Mini-Universal MATE-N-LOK Splash-Proof Sealed Connectors](#)
PDF
English
- [Softshell Pin & Socket Contacts](#)
PDF
English

Engineering Report

Product Environmental Compliance

TE Material Declaration

- [MD_770904-3_0707201403_dmtec](#)
PDF
English

Agency Approvals

Agency Approval Document

- [Mini Universal Mate-N-Lok REPORT](#)
PDF
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)	11.2
	Operating Voltage (VAC)	600
	Operating Voltage (VDC)	600
Contact Features	Contact Type	Socket
	Contact Base Material	Brass
	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness	.76 µm [30 µin]
	Contact Termination Area Plating Material	Tin-Lead
	Contact Termination Area Plating Thickness	2.54 µm [100 µin]
	Contact Crimp Area Plating Material	Tin-Lead
	Crimp Area Plating Thickness	2.54 µm [100 µin]
	Underplate Material	Nickel
	Underplate Material Thickness	1.27 µm [50 µin]

Termination Features

	Wire/Cable Size (AWG)	22 – 18
	Wire/Cable Size (mm ²)	.3 – .9
	Termination Type	Crimp
Mechanical Attachment	Contact Retention in Housing	With
Dimensions	Mating Pin Diameter	.71 mm [.028 in]
	Accepts Wire Insulation Diameter Range	1.5 – 2.39 mm [.059 – .094 in]
Operation/Application	Circuit Application	Power
	Applies To	Wire/Cable
	Operating Temperature Range	-55 – 105 °C [-67 – 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	4500
Other	For Multiple Crimp	No
	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-LECTRIC Model K Machine, -3 is used on AMP-O-LECTRIC Model G Machine.
	For Use With	Plug Housing
	Wire/Cable Type	Discrete Wire
	Wire Type	Stranded

Statement of Compliance

Statement of Compliance
PDF

Customers Also Bought

POWER CONTACTS  MINI UMN2 SOK 22-18 AWG AU 794221-3	RECTANGULAR CONNECTOR HOODS  HIPK6/16.STO.1.M32 G 1106425-3	RECTANGULAR CONNECTOR SEALS  06P MINI UMN2 SEAL, DIE CUT 794772-6	SPARE & WEAR TOOLING  ANVIL, COMBINATION .062 4-662184-5
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Products - 195 Results

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Relation Type 

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

	PRODUCT - HOUSINGS Connectors - Rectangular Connector Housings 4 POS DR MINI UNIV MATE-N-LOK Mini-Universal MATE-N-LOK 1-172167-5 TE INTERNAL NUMBER: 1-172167-5  Product Drawing  3D PDF  Active	Connector System Wire-to-Wire Insertion Force 3.9 kg Centerline 4.14 mm Row-to-Row Spacing 4.14 mm Number of Positions 4
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RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS



- [Product Drawing](#)
- [3D PDF](#)

Connectors - Rectangular Connector Housings

UNIVERSAL MATE-N-LOK CAP 3P

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

1-172329-9

TE INTERNAL NUMBER: 1-172329-9

✓ Active

Connector System **Wire-to-Wire**
Insertion Force **3.3 kg**
Centerline **4.2 mm**
Number of Positions **3**
Number of Rows **1**

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS



- [Product Drawing](#)
- [3D PDF](#)

Connectors - Rectangular Power Connectors

MINI UNIVERSAL MATE-N-LOK CAP HOUSING 4P

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

172330-1

TE INTERNAL NUMBER: 172330-1
ALIAS ID: 0-0172330-1

✓ Active

Product Type **Housing**
Housing Type **Receptacle**
Connector System **Wire-to-Wire**
Applies To **Panel, Wire/Cable**
Number of Positions **4**