



POWER CONTACTS



TE CONNECTIVITY (TE)

UMNL SOK 20-14 AU/BR L/P

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

350551-7

TE Internal Number: 350551-7

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating (A) **19**

Operating Voltage (VAC) **600**

Operating Voltage (VDC) **600**

Wire/Cable Size (AWG) **20 - 14**

Active

3D PDF

Product Drawings

SOCKET, (LOOSE PIECE) UNIVERSAL MATE-N-LOK

TIF
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
English

Catalog Pages/Data Sheets

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

PDF
English

Product Specifications

Product Specification

Action Pin Universal MATE-N-LOK Header Assembly

TIF
English

Application Specification

Action Pin Universal MATE-N-LOK Header Assembly

PDF
English

Universal MATE-N-LOK Connectors

PDF
English

Engineering Report

Softshell Pin & Socket Contacts

PDF
English

Product Environmental Compliance

TE Material Declaration

UMNL SOK 20-14 AU/BR L/P

PDF
English

Instruction Sheets

Instruction Sheet (U.S.)

[Universal, Commercial, And .140 MATE-N-LOK Contact And Housing Selection Charts](#)
PDF
English

Please review product documents or [contact us](#) for the latest agency approval information.

Product Type Features	Product Type	Contact
Electrical Characteristics	Contact Current Rating (A)	19
	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]
	Underplate Material	Nickel
	Contact Design	Solid
Termination Features	Wire/Cable Size (AWG)	20 – 14
	Wire/Cable Size (mm ²)	.5 – 2
	Termination Type	Crimp
Mechanical Attachment	Contact Retention in Housing	With
	Contact Retention in Housing Type	Locking Lance
Dimensions	Accepts Wire Insulation Diameter Range	3.3 – 5.1 mm [.13 – 2 in]
Operation/Application	Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
	Connector System	Wire-to-Wire
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	UL Flammability Rating	UL 94V-0
	VDE Tested	Yes
	Agency/Standard	CSA
	UL File Number	E28476



DLU - 1-480070-0
TE INTERNAL NUMBER: 1-480698-6

✓ Active

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **2**

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS



Connectors - Rectangular Power Connectors
MATE-N-LOK I Universal MATE-N-LOK

02P UMNL CAP HSG BLK
- 1-480699-9

TE INTERNAL NUMBER: 1-480699-9

✓ Active

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**



RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS



Connectors - Rectangular Power Connectors
MATE-N-LOK I Universal MATE-N-LOK

03P UMNL PLUG HSG
BLK - 1-480700-9

TE INTERNAL NUMBER: 1-480700-9

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **3**

