



POWER CONTACTS



TE CONNECTIVITY (TE)

UMNL SOK 24-18 PTPBR

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

350851-1

TE Internal Number: 350851-1

Alias ID: 0-0350851-1, 2021755, AMPS-0-0350851-1, CU3086-000

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) **24 – 18**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[SOCKET, UNIVERSAL MATE-N-LOK](#)

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

Catalog Pages/Data Sheets

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

PDF
English

Product Specifications

Product Specification

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

PDF
English

Application Specification

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

PDF
English

Engineering Report

[Softshell Pin & Socket Contacts](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_350851-1_022920161213_dmtec](#)

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)	19
	Operating Voltage (VAC)	600
	Operating Voltage (VDC)	600
Contact Features	Contact Type	Socket
	Contact Base Material	Brass
	Contact Mating Area Plating Material	Pre-Tin
	Contact Termination Area Plating Material	Tin
	Contact Design	Solid
Termination Features	Wire/Cable Size (AWG)	24 – 18
	Wire/Cable Size (mm ²)	.2 – .8
	Termination Type	Crimp
Mechanical Attachment	Contact Retention in Housing	With
	Contact Retention in Housing Type	Locking Lance
Dimensions	Accepts Wire Insulation Diameter Range	1.02 – 2.54 mm [.04 – .1 in]
Operation/Application	Applies To	Wire/Cable
	Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
	Connector System	Wire-to-Wire
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	VDE Tested	Yes
	Agency/Standard	CSA, UL
	UL File Number	E28476
	CSA File Number	LR 7189
	UL Rating	Recognized
	CSA Rating	Certified
Packaging Features	Packaging Method	Reel

Packaging Quantity

7500

Other

Wire/Cable Type

Discrete Wire

Wire Type

Stranded

For Use With





Universal MATE-N-LOK Plug or Cap Housing

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>WIRE-TO-BOARD CONNECTOR HOUSINGS</p>  <p>2.5 SIGNAL D/LOCK CAP HSG 3P 316087-1</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>15P CMNL CAP HSG P/M NATL 1-480324-0</p> <p>Save to List Find Similar Products</p>	<p>CRIMP QUICK DISCONNECTS</p>  <p>250 FAST REC IS 18-14 BR. 63306-1</p> <p>Save to List Find Similar Products</p>	<p>WIRE-TO-BOARD CONNECTOR CONTACTS</p>  <p>AMP UNIVE. POWER CONN TAB CONT 175149-2</p> <p>Save to List Find Similar Products</p>
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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 | Universal MATE-N-LOK
04P UMNL PLUG HSG
- 350779-1

TE INTERNAL NUMBER: 350779-1
ALIAS ID: 403426000, 651-1084-01, AMP-0-0350779-1, E78305-000

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

09P UMNL CAP HSG

NATL - 1-480707-0

TE INTERNAL NUMBER: 1-480707-0

ALIAS ID: 239040-000, AMPS-1-0480707-0

✓ 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 **9**



RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)



PRODUCT - HOUSINGS

Connectors - Rectangular Connector Housings
MATE-N-LOK I Universal MATE-N-LOK

02P UMNL CAP HSG BLU

- 1-480699-6

TE INTERNAL NUMBER: 1-480699-6

✓ Active

Always EU RoHS/ELV Compliant

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

Centerline **6.35 mm**

Number of Positions **2**

Number of Rows **1**

Housing Material **Nylon GF**

