

POWER CONTACTS















PRODUCT DRAWING



3D PDF



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

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 (mm²)	.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

Packaging Features Packaging Method Reel

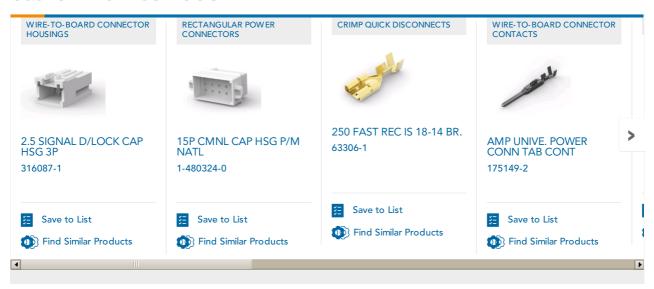
	Packaging Quantity	7500
Other	Wire/Cable Type	Discrete Wire
	Wire Type	Stranded
	For Use With	Universal MATE-N-LOK Plug or Cap Housing
Product Compliance	Chahamanah af Campullanan	

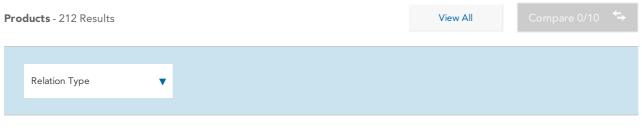
Product Compliance

Statement of Compliance

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT





RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact





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

✓ Active

Connector System Wire-to-Wire

Applies To Wire/Cable

Number of Positions 4



PRODUCT - HOUSINGS

Connectors - Rectangular Power Connectors MATE-N-LOK | 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

✓ Activ

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 | 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

