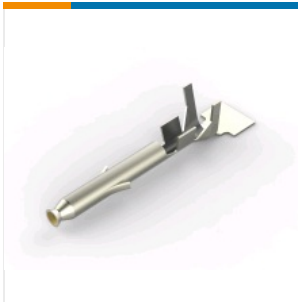




POWER CONTACTS



TE CONNECTIVITY (TE)

MINI UMNL SOK 22-18 AWG AU

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

1-770904-0

TE Internal Number: 1-770904-0

Always EU RoHS/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**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

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

PDF
English

CAD Files

Customer View Model

3D_STP.ZIP
English

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
3D

Customer View Model

3D_IGS.ZIP
English

Catalog Pages/Data Sheets

AMP Circular Connectors For Commercial Signal & Power Applications Continued

PDF
English

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

PDF
English

1-1773458-0_MINI_UNIVERSAL_MATE_N_LOK_CONNECTOR_SYSTEM_ORG

PDF
English

Product Specifications

Application Specification

Mini-Universal MATE-N-LOK Splash-Proof Sealed Connectors

PDF
English

Mini-Universal MATE-N-LOK Connectors

PDF
English

Product Environmental Compliance

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 [29.92 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	1.8 mm [.071 in]
	Accepts Wire Insulation Diameter Range	1.5 – 2.39 mm [.059 – .094 in]
Operation/Application	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

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

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD TERMINALS	CRIMP RINGS & SPADES	RECTANGULAR CONNECTOR SEALS	POWER CONTACTS
			
PIN CONTACT NICKEL PLATE 776349-3	PG SPR SPD 22-16COM22-18MIL 10 52951-1	MINI UMNL WIRE SEAL, 18-26AWG 794758-1	UMNL SOK 20-14 .0126 AUNI/BR 350536-7
Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products

Products - 192 Results

[View All](#)

[Compare 0/10](#)

Relation Type ▼

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)



PRODUCT - HOUSINGS

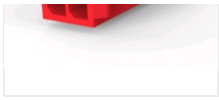
Connectors - Rectangular Power Connectors
MATE-N-LOK | Mini-Universal MATE-N-LOK

Always EU RoHS/ELV Compliant

2 POS MINI UNIV FREE

MANUFACTURER: AMP





HANG RED - 1-172233-2

TE INTERNAL NUMBER: 1-172233-2

✓ Active

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS



Connectors - Rectangular Connector Housings
MATE-N-LOK | Mini-Universal MATE-N-LOK

2 POS MINI UNIV FREE HANG BLUE - 1-172233-6

TE INTERNAL NUMBER: 1-172233-6

✓ Active

Always EU RoHS/ELV Compliant

Connector System **Wire-to-Wire**

Insertion Force **2.7 kg**

Centerline **4.14 mm**

Number of Positions **2**

Number of Rows **1**



RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS



Connectors - Rectangular Connector Housings
MATE-N-LOK | Mini-Universal MATE-N-LOK

UNIVERSAL MATE-N- LOK PLUG 6P - 1-172339-9

TE INTERNAL NUMBER: 1-172339-9

✓ Active

Always EU RoHS/ELV Compliant

Connector System **Wire-to-Wire**

Insertion Force **5.5 kg**

Centerline **4.2 mm**

Row-to-Row Spacing **4.2 mm**

Number of Positions **6**

