



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

16P MINI UMNL PLUG HSG

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

770583-1

TE Internal Number: 770583-1
Alias ID: 0-0770583-1

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **16**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[PLUG, 16 CIRCUIT, MINI UNIVERSAL MATE-N-LOK](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Catalog Pages/Data Sheets

[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 Connectors](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_770583-1_04202015313_dmtec](#)

PDF
English

Instruction Sheets

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	Housing
	Housing Type	Plug
	Contact Type	Socket
Configuration Features	Number of Positions	16
	Centerline	4.14 mm [.163 in]
	Number of Rows	2
	Row-to-Row Spacing	4.14 mm [.163 in]
	Multiple Contact Types	Without
Electrical Characteristics	Operating Voltage (VAC)	600
	Operating Voltage (VDC)	600
Contact Features	Contact Retention	Without
Mechanical Attachment	Panel Mount Retention	Without
	Assembly Integration Feature	Without
Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	Natural
	Housing Material	Nylon 66/6
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Wire
	Applies To	Wire/Cable
	Operating Temperature	-20 – 105 °C [-4 – 221 °F]
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	UL Rating	Recognized
	VDE Tested	Yes
	CSA Certified	Yes

CSA Rating	Certified
CSA File Number	LR7189
Agency/Standard Number	E28476
Agency/Standard	CSA, UL

Packaging Features	Packaging Method	Package
	Packaging Quantity	1

Other	For Use With	Mini-Universal MATE-N-LOK Cap Housing
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Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 90 Results

[View All](#)

Compare 0/10

Relation Type

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Power Contacts
MATE-N-LOK I Mini-Universal MATE-N-LOK

**MINI UMNL PIN 26-
22AWG SN LP - 770985-1**
TE INTERNAL NUMBER: 770985-1

Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **11.2 A**

Operating Voltage **600 VAC**

Operating Voltage **600 VDC**

Wire/Cable Size **26 – 22 AWG**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



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

**16P MINI UMNL HDR
W/O DH SN - 1-794075-0**
TE INTERNAL NUMBER: 1-794075-0

Active

Always EU RoHS/ELV Compliant

Product Type **Header**

Housing Type **Plug**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

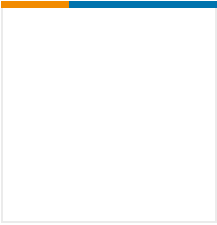
RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Power Contacts
MATE-N-LOK I Mini-Universal MATE-N-LOK

**MINI UNIVERSAL M-N-L
SOCKET LP - 170365-1**

TE INTERNAL NUMBER: 170365-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **7 A**

Operating Voltage **600 VAC**

Operating Voltage **600 VDC**

Wire/Cable Size **26 – 22 AWG**

