



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

02P UMNL CAP HSG NATL

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

1-480699-0

TE Internal Number: 1-480699-0

Alias ID: 1-0480699-0, 4-27202-1755, 402376412, 500-060-1982

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**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[CAP,2 CIRCUIT, UNIVERSAL MATE-N-LOK \(TM\)](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
English

[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_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

PDF
English

Product Specifications

Product Specification

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

PDF
English

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

PDF
English

Application Specification

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

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_1-480699-0_11242015221_dmtec](#)

PDF
English

Instruction Sheets

Instruction Sheet (U.S.)

Universal MATE-N-LOK Connectors

PDF
English

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. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Product Type	Housing
	Housing Type	Receptacle
	Contact Type	Pin or Socket

Configuration Features	Number of Positions	2
	Centerline	6.35 mm [.25 in]
	Number of Rows	1
	Contact Layout	Inline
	Multiple Contact Types	Without

Electrical Characteristics	Operating Voltage (VAC)	600
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Contact Features	Contact Retention	Without
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Mechanical Attachment	Panel Mount Retention Type	Patch & Tabs
	Panel Mount Retention	With
	Assembly Integration Feature	Without

Housing Features	UL Flammability Rating	UL 94V-2
	Housing Color	Natural
	Housing Material	Nylon GF

Dimensions	Panel Thickness	.76 – 2.29 mm [.03 – .09 in]
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Usage Conditions	Sealed Condition	Not Sealed
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Operation/Application	Connector System	Wire-to-Panel, Wire-to-Wire
	Applies To	Panel, Wire/Cable

Operating Temperature

-55 – 125 °C [-67 – 257 °F]

Industry Standards

Glow Wire Rating

Standard Part - Not Glow Wire

UL Rating

Recognized

VDE Tested

Yes

CSA Rating

Certified

CSA File Number

LR16455

Agency/Standard Number

E28476

Agency/Standard

CSA, UL

Packaging Features

Packaging Method

Package

Packaging Quantity

1

Other

For Use With

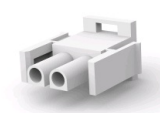



Plug Housing

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	RECTANGULAR CONNECTOR SEALS	STANDARD POWER RELAYS	POWER CONTACTS
			
02P UMNL PLUG HSG NATL 1-480698-0	02P UMNL WIRE SEAL 794270-1	RM202615 RM202615	UMNL PIN 20-14 PTPPHBZ L/P 350547-3
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 - 150 Results

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[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 | Universal MATE-N-LOK

**UMNL SOK 20-14 .0126
PTPBR - 350537-1**

TE INTERNAL NUMBER: 350537-1
ALIAS ID: AMPS-0-0350537-1, D60465-000

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **19 A**

Operating Voltage **600 VAC**

Wire/Cable Size **20 – 14 AWG**

Wire/Cable Size **.5 – 2 mm²**



RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing



PRODUCT - CONTACTS

Connectors - Power Contacts
MATE-N-LOK | Universal MATE-N-LOK

**UMNL PIN 20-14 AUBR
L/P - 350547-7**

TE INTERNAL NUMBER: 350547-7

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **19 A**

Operating Voltage **600 VAC**

Wire/Cable Size **20 – 14 AWG**

Wire/Cable Size **.5 – 2 mm²**



RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing



PRODUCT - CONTACTS

Connectors - Power Contacts
MATE-N-LOK | Universal MATE-N-LOK

**UMNL SOK 24-18 PTPBR
- 350570-1**

TE INTERNAL NUMBER: 350570-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **19 A**

Operating Voltage **600 VAC**

Operating Voltage **600 VDC**

Wire/Cable Size **24 – 18 AWG**

