



TE Connectivity: Every Connection Counts
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+ CONNECTORS

RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

02P UMNLI IN-LINE CAP HSG KIT

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

770024-1

TE Internal Number: 770024-1

Alias ID: 1191955

EU RoHS Compliant

Not Yet Reviewed for EU ELV

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 HOUSING KIT, 2 CIRCUIT, IN-LINE, 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

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

PDF

English

[Circular Multi-Pin Connector](#)

PDF

English

Application Specification

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

PDF

English

Product Environmental Compliance

TE Material Declaration

[02P UMNLI IN-LINE CAP HSG KIT](#)

PDF

English

Instruction Sheets

Instruction Sheet (U.S.)

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

PDF

English

Agency Approvals

VDE Certificate

[UNIVERSAL Mate-N-LOK](#)

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

Assembly or Kit

Kit

Configuration Features

Number of Positions

2

Centerline

6.35 mm [.25 in]

Number of Rows

1

Multiple Contact Types

Without

Contact Layout

Inline

Electrical Characteristics

Operating Voltage (VAC)

600

Contact Features

Contact Retention

Without

Mechanical Attachment	Assembly Integration Feature	Without
	Panel Mount Retention Type	Latches
	Panel Mount Retention	With
Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	White
	Housing Material	Nylon GF
Dimensions	Panel Thickness	.76 – 2.29 mm [.03 – .09 in]
	Width (mm)	13.97
	Length (mm)	21.46
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Panel, Wire-to-Wire
	Applies To	Panel, Wire/Cable
	Operating Temperature	-55 – 105 °C [-67 – 221 °F]
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	UL Rating	Recognized
	CSA File Number	LR7189
	Agency/Standard	CSA, UL
	VDE Tested	Yes
	CSA Rating	Certified
	Agency/Standard Number	E28476
Packaging Features	Packaging Method	Package
	Packaging Quantity	1
Other	For Use With	Standard Universal MATE-N-LOK Connectors

Statement of Compliance

Statement of Compliance

PDF

Customers Also Bought

<p>POWER CONTACTS</p>  <p>UMNL II PIN PTPBR LP 20-14 770250-1</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>02P UMNLII IN-LNE PLUG HSG KIT 770017-1</p>	<p>POWER CONTACTS</p>  <p>UMNL II PIN PTPBR 770007-1</p>	<p>IDC D-SUB CONNECTORS</p>  <p>PLUG ASSY, 50POS, SC/LK, CHAMP-LK 556039-1</p>
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Products - 57 Results

[View All](#)

Compare 0/10

Relation Type

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS

Connectors - Rectangular Power Connectors

02P UMNLII IN-LNE PLUG HSG KIT

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

770017-1

TE INTERNAL NUMBER: 770017-1

Active

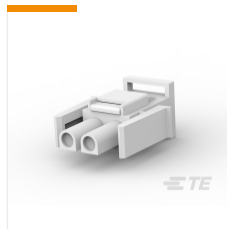
Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **2**



[Product Drawing](#)

[3D PDF](#)

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS


[Product Drawing](#)
[3D PDF](#)

Connectors - Power Contacts

SKT ASSY., 2MM, 12-14 AWG

ELCON | High Current Contacts

193842-1

TE INTERNAL NUMBER: 193842-1

ALIAS ID: AMP-0-0193842-1, CJ5173-000

✓ Active

Product Type **Contact**Contact Current Rating **32 A**Operating Voltage **600 VAC**Wire/Cable Size **14 – 12 AWG**Wire/Cable Size **2.08 – 3.31 mm²**

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS


[Product Drawing](#)
[3D PDF](#)

Connectors - Power Contacts

UMNLI SOK PTPPHBZ LP LF 24-18

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

1-770253-0

TE INTERNAL NUMBER: 1-770253-0

✓ Active

Product Type **Contact**Contact Current Rating **13 A**Operating Voltage **600 VAC**Wire/Cable Size **24 – 18 AWG**Wire/Cable Size **.2 – 1 mm²**