



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

06P UMNLI IN-LNE PLUG HSG KIT

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

770020-1

TE Internal Number: 770020-1

Alias ID: 405257429, AMP-0-0770020-1, CJ6243-000

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **6**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[PLUG HOUSING KIT, 6 CIRCUIT, UNIVERSAL MATE-N-LOK](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[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

[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

[MD_770020-1_03262014334_dmtec](#)

PDF
English

Instruction Sheets

Instruction Sheet (U.S.)

Universal MATE-N-LOK Connectors

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	Plug
	Contact Type	Pin or Socket

Configuration Features	Number of Positions	6
	Centerline	6.35 mm [.25 in]
	Number of Rows	2
	Row-to-Row Spacing	6.35 mm [.25 in]
	Multiple Contact Types	Without
	Contact Layout	Matrix

Electrical Characteristics	Operating Voltage (VAC)	600
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Contact Features	Contact Retention	Without
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Mechanical Attachment	Assembly Integration Feature	Without
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Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	White
	Housing Material	Nylon GF

Dimensions	Width (mm)	13.97
	Length (mm)	22.99

Usage Conditions	Sealed Condition	Not Sealed
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Operation/Application	Connector System	Wire-to-Wire
	Applies To	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	Universal MATE-N-LOK Connectors
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Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)


CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p>  <p>06P UMNLII IN-LINE CAP HSG KIT 770027-1</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>03P UMNLII IN-LINE CAP HSG KIT 770025-1</p> <p>Save to List Find Similar Products</p>	<p>POWER CONTACTS</p>  <p>UMNL II SOK PTPPHBZ 770010-3</p> <p>Save to List Find Similar Products</p>	<p>POWER CONTACTS</p>  <p>UMNL II PIN PTPBR 770009-1</p> <p>Save to List Find Similar Products</p>
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Relation Type 

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS

Connectors - Power Contacts

Always EU RoHS/ELV Compliant 



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

UMNL II SOK PTPPHBZ - 770010-3

TE INTERNAL NUMBER: 770010-3

✓ Active

Product Type **Contact**

Operating Voltage **600 VAC**

Wire/Cable Size **24 – 18 AWG**

Wire/Cable Size **.2 – 1 mm²**

Contact Type **Socket**

[See All Contacts](#)

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

PRODUCT - CONTACTS



Connectors - Power Contacts
Elcon I High Current Contacts

SKT ASSY - 2MM, 10 AWG - 193797-1

TE INTERNAL NUMBER: 193797-1
ALIAS ID: AMP-0-193797-1, CJ6197-000

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **32 A**

Operating Voltage **600 VAC**

Wire/Cable Size **10 AWG**

Wire/Cable Size **5.26 mm²**

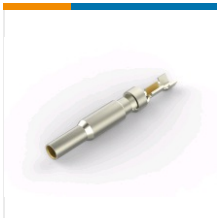


RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

PRODUCT - CONTACTS



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

UMNL II SOK AU/PHBZ L/P - 770416-6

TE INTERNAL NUMBER: 770416-6

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Operating Voltage **600 VAC**

Wire/Cable Size **30 – 26 AWG**

Wire/Cable Size **.05 – .15 mm²**

Contact Type **Socket**



[See All Contacts](#)