



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

05P UMNLI IN-LNE PLUG HSG KIT

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

770016-1

TE Internal Number: 770016-1

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **5**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

5 CIRCUIT, IN-LINE, UNIVERSAL MATE-N-LOK PLUG HOUSING KIT,
PDF (TIFF AVAILABLE)
English

5 CIRCUIT, IN-LINE, UNIVERSAL MATE-N-LOK PLUG HOUSING KIT,
PDF (TIFF AVAILABLE)
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

Application Specification

Circular Multi-Pin Connector

PDF
English

Universal MATE-N-LOK II Connectors

PDF
English

Product Environmental Compliance

TE Material Declaration

MD 770016-1 07000102025

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
	Assembly or Kit	Kit
Configuration Features	Number of Positions	5
	Centerline	6.35 mm [.25 in]
	Number of Rows	1
	Contact Layout	Inline
	Multiple Contact Types	Without
Electrical Characteristics	Operating Voltage (VAC)	600
Contact Features	Contact Retention	Without
Mechanical Attachment	Assembly Integration Feature	Without
Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	White
	Housing Material	Nylon
Usage Conditions	Sealed Condition	Not Sealed
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

UL Rating	recognized
VDE Tested	Yes
Agency/Standard Number	E28476
Agency/Standard	UL

Packaging Features	Packaging Method	Package
	Packaging Quantity	1

Other	For Use With	Standard Universal MATE-N-LOK Connectors
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Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 64 Results

[View All](#)

Compare 0/10

Relation Type

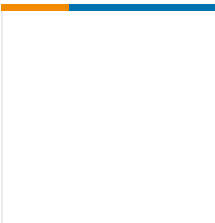
RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Standard Rectangular Connectors
 MATE-N-LOK I Universal MATE-N-LOK
05P UMNL CAP TEST ASSY 94VO - 350849-5
 TE INTERNAL NUMBER: 350849-5

Active

Always EU RoHS/ELV Compliant

Product Type **Connector**

Mating Alignment **With**

Mating Alignment Type

Polarization

Mating Retention **With**

Mating Retention Type **Locking Tab**

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Power Contacts
 MATE-N-LOK I Universal MATE-N-LOK
UMNL II PIN DUPLX AUSN/NI/PHBZ - 1-770003-0

Always EU RoHS/ELV Compliant

Product Type **Contact**

Operating Voltage **600 VAC**

Wire/Cable Size **12 - 10 AWG**

TE INTERNAL NUMBER: 1-770003-0

✓ Active

Wire/Cable Size **12 - 18 AWG**

Wire/Cable Size **3 - 6 mm²**

Contact Type **Pin**

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



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

UMNL II PIN AUSN/NI/BR
- 1-770009-0

TE INTERNAL NUMBER: 1-770009-0

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Operating Voltage **600 VAC**

Wire/Cable Size **24 - 18 AWG**

Wire/Cable Size **.2 - .8 mm²**

Contact Type **Pin**

