

# **RECTANGULAR POWER CONNECTORS**



















**PRODUCT DRAWING** 



3D PDF

TE CONNECTIVITY (TE)

05P UMNL PLUG HSG NATL

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

1-480763-0

TE Internal Number: 1-480763-0

Always EU RoHS/ELV Compliant

Product Type Housing

Housing Type Plug

Connector System Wire-to-Wire

Applies To Wire/Cable

Number of Positions 5

**Product Drawings** 

PLUG, 5 CIRCUIT, UNIVERSAL MATE-N-LOK

PDF **English** 

**CAD Files** 

Customer View Model

3D\_IGS.ZIP

Customer View Model

3D\_STP.ZIP English

**Customer View Model** 

2D\_DXF.ZIP English

3D PDF PDF 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

English

Application Specification Universal MATE-N-LOK Connectors

PDF **English** 

Product Environmental Compliance

TE Material Declaration

**05P UMNL PLUG HSG NATL** 

PDF English

MID 1 490742 0 1020201509 4m+00

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	Plug
	Contact Type	Pin or Socket
Configuration Features	Number of Positions	5
	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
	Contact Neterlation	Willout
Mechanical Attachment	Assembly Integration Feature	Without
Housing Features	UL Flammability Rating	UL 94V-2
	Housing Color	Natural
	Housing Material	Nylon GF
Dimensions	Width (mm)	14.73
	Length (mm)	33.02
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Wire

-55 – 125 °C [-67 – 257 °F] Operating Temperature Industry Standards Glow Wire Rating Standard Part - Not Glow Wire **UL** Rating Recognized CSA File Number LR7189 CSA, UL Agency/Standard **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 Cap or Header

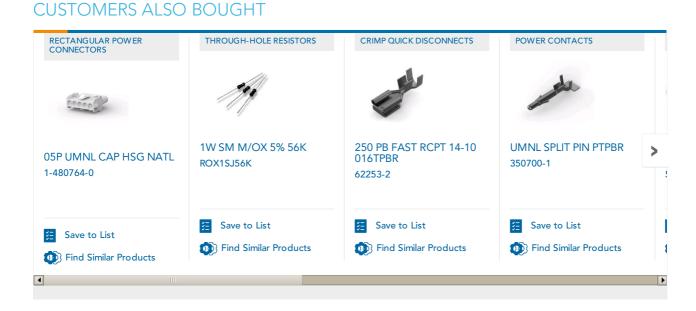
Statement of Compliance

VIEW ALL PRODUCT COMPLIANCE

Wire/Cable

Applies To

**Product Compliance** 





#### 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 24-18

AUNIBR - 350851-2
TE INTERNAL NUMBER: 350851-2

✓ 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

#### RELATIONSHIP

# Mating Products

Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

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

05P UMNL PIN HDR ASSY NATL LF - 640466-3 TE INTERNAL NUMBER: 640466-3

✓ Active

Always EU RoHS/ELV Compliant



### 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 10-12 .0125 PTPPHBZ - 350923-3

TE INTERNAL NUMBER: 350923-3 ALIAS ID: 403980899

✓ 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 12 - 10 AWG

