+ **CONNECTORS**

RECTANGULAR POWER CONNECTORS

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **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
English

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
PDF
English

Application Specification

Universal MATE-N-LOK Connectors
PDF
English

Product Environmental Compliance

TE Material Declaration

05P UMNL PLUG HSG NATL
PDF
English

MD_1-480763-0_1020201588_dmtcs

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**

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**

Applies To		Wire/Cable
Operating Temperature		**-55 – 125 °C [-67 – 257 °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 Cap or Header**

Product Compliance	Statement of Compliance PDF
	VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	THROUGH-HOLE RESISTORS	CRIMP QUICK DISCONNECTS	POWER CONTACTS
05P UMNL CAP HSG NATL 1-480764-0	1W SM M/OX 5% 56K ROX1SJ56K	250 PB FAST RCPT 14-10 016TPBR 62253-2	UMNL SPLIT PIN PTPBR 350700-1
Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products

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Relation Type ▼

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 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

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

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**