



CONNECTORS

RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

03P UMNL PLUG HSG NATL

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

1-480700-0

TE Internal Number: 1-480700-0

Alias ID: 1-0480700-0, 2-42932-9342, AMPS-1-0480700-0, F47049-000

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **3**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**



Product Drawings

[PLUG, 3 CIRCUIT, UNIVERSAL MATE-N-LOK\(TM\)](#)

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	Universal MATE-N-LOK Connectors PDF English
Application Specification	Universal MATE-N-LOK Connector PDF English
	Universal MATE-N-LOK Connectors PDF English

Product Environmental Compliance

TE Material Declaration	MD_1-480700-0_101320141136_dmtec 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	3
	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	Accepts Wire Insulation Diameter Range (mm)	5.08
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]
Identification Marking	Circuit Identification Feature	With
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	UL Rating	Recognized
	CSA File Number	LR16455
	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	Appropriate Universal MATE-N-LOK Cap or Header

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

