



CONNECTORS

RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

08P MINI UMNL HDR W/O DH AU LF

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

1-794073-1

TE Internal Number: 1-794073-1

Always EU RoHS/ELV Compliant

Product Type **Header**

Housing Type **Plug**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating (A) **9.5**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**



Product Drawings

[HEADER ASSEMBLY,CLOSED BOTTOM, 8 CIRCUIT,DOUBLE ROW VERTICAL, MINI-UNIVERSAL MATE-N-LOK](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Catalog Pages/Data Sheets

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

PDF
English

[1-1773458-0_MINI_UNIVERSAL_MATE_N_LOK_CONNECTOR_SYSTEM_ORG](#)

Product Specifications

Application Specification

[Mini-Universal MATE-N-LOK Connectors](#)

PDF
English

[Mini-Universal MATE-N-LOK Splash-Proof Sealed Connectors](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_1-794073-1_02262016828_dmtec](#)

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	Header
Housing Type	Plug
Contact Type	Pin

Configuration Features

Number of Positions	8
Centerline	4.14 mm [.163 in]
PCB Mounting Orientation	Vertical
Number of Rows	2
Row-to-Row Spacing	4.14 mm [.163 in]
Multiple Contact Types	Without

Electrical Characteristics

Contact Current Rating (A)	9.5
Operating Voltage (VAC)	600
Operating Voltage (VDC)	600

Contact Features

Contact Retention	Without
Contact Termination Area Plating Material	Tin
Contact Termination Area Plating Thickness	3.81 µm [150 µin]

Termination Features

Wire/Cable Size (AWG)	30 – 16
Termination Method to Wire/Cable	Solder
Termination Method to PC Board	Through Hole - Solder
Termination Post/Tail Length	3.69 mm [.145 in]

Mechanical Attachment	Mating Alignment	With
	Mating Retention	With
	PCB Mount Retention	With
	PCB Mount Retention Type	Boardlocks
	Mating Alignment Type	Chamfered Edges
	PCB Mount Alignment	Without
	Assembly Integration Feature	Without
	Mating Retention Type	Locking Tab
	Panel Mount Retention	Without
Strain Relief	Without	
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Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	White
	Housing Material	Nylon
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Dimensions	Width (mm)	9.83
	Height (mm)	13.49
	PCB Thickness (Recommended)	1.57 mm [.062 in]
	Length (mm)	18.11
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Usage Conditions	Sealed Condition	Sealed
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Operation/Application	Connector System	Wire-to-Board
	Applies To	Printed Circuit Board
	Operating Temperature	-55 – 105 °C [-67 – 221 °F]
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Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	VDE Tested	Yes
	CSA Rating	Certified
	Agency/Standard Number	E28476
	UL Rating	Recognized
	CSA File Number	LR7189
	Agency/Standard	CSA, UL
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Packaging Features	Packaging Method	Bag
	Packaging Quantity	200
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Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

