



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

08P MINI UMNL HDR W/DH AU LF

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

1-794065-1

TE Internal Number: 1-794065-1

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, 8 CKT, DOUBLE ROW VERTICAL, MINI 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_AND_SOCKET_CONNECTORS_CATALOG](#)

PDF
English

[1-1773458-0_MINI_UNIVERSAL_MATE_N_LOK_CONNECTOR_SYSTEM_QRG](#)

PDF
English

Product Specifications

Application Specification

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

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_1-794065-1_02262016927_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
	Header Type	Shrouded

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

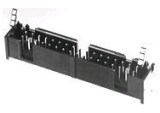


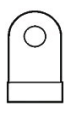
Contact Features	Contact Retention	Without
	Contact Termination Area Plating Material	Tin
	Contact Mating Area Plating Material	Gold
	Contact Termination Area Plating Thickness	3.81 µm [150 µin]

Termination Features	Wire/Cable Size (AWG)	30 – 16
	Wire/Cable Size (mm ²)	.05 – 1.2
	Termination Method to Wire/Cable	Solder
	Termination Method to PC Board	Through Hole - Solder
	Termination Post/Tail Length (mm)	.76, 4.45
	Termination Post/Tail Length (in)	.175

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)	23.24
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Usage Conditions	Sealed Condition	Not 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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Identification Marking	Circuit Identification Feature	Without
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Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	VDE Tested	No
	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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Other	For Use With	Plug Housing
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CUSTOMERS ALSO BOUGHT

RIBBON CABLE CONNECTORS	MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES	RECTANGULAR POWER CONNECTORS	CRIMP RINGS & SPADES
 <p>026 LOPRO HDR SP 30DP LATCH 104128-5</p> <p>Save to List Find Similar Products</p>	 <p>2P AMPMODU II SHRD HDR, RT ANG, TIN 280377-1</p> <p>Save to List Find Similar Products</p>	 <p>14P MINI UMNL HDR W/DH AU 1-794067-1</p> <p>Save to List Find Similar Products</p>	 <p>TERMINAL, SOLIS FLAG R 16-14 10 322819</p> <p>Save to List Find Similar Products</p>

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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS		
	<p>Connectors - Rectangular Power Connectors MATE-N-LOK I Mini-Universal MATE-N-LOK</p> <p>08P MINI UMNL PLUG HSG - 770579-1 TE INTERNAL NUMBER: 770579-1 ALIAS ID: 0-0770579-1</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Product Type Housing</p> <p>Housing Type Plug</p> <p>Connector System Wire-to-Wire</p> <p>Applies To Wire/Cable</p> <p>Number of Positions 8</p>

RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS		
	<p>Connectors - Rectangular Power Connectors MATE-N-LOK I Mini-Universal MATE-N-LOK 2</p> <p>08P MINI UMNL2 PLUG HSG UL94V0 - 794192-1 TE INTERNAL NUMBER: 794192-1</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Product Type Housing</p> <p>Housing Type Plug</p> <p>Connector System Wire-to-Wire</p> <p>Applies To Wire/Cable</p> <p>Number of Positions 8</p>

