



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

04P MINI UMNL R/A HDR ASSY SN

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

1-770968-0

TE Internal Number: 1-770968-0

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, RIGHT ANGLE, WITH SHORT PEG, 4 CIRCUIT, 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

Product Specification

Mini-Universal MATE-N-LOK* Splash Proof Seals

TIF
English

Mini-Universal MATE-N-LOK* Splash Proof Seals

PDF
English

Header, MATE-N-LOK*, Mini-Universal

PDF
English

Application Specification

Mini-Universal MATE-N-LOK Connectors

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_1-770968-0_02262016923_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	4
	Centerline	4.14 mm [.163 in]
	PCB Mounting Orientation	Right Angle
	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	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

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

Housing Features

UL Flammability Rating	UL 94V-0
Housing Color	White
Housing Material	Nylon

Dimensions

Width (mm)	12.7
Height (mm)	11.86
PCB Thickness (Recommended)	1.57 mm [.062 in]
Length (mm)	9.86

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 [-68 – 221 °F]

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

Packaging Features

Packaging Method	Bag
Packaging Quantity	200

Other

For Use With	Plug Housing
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Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 3 Results

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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors
MATE-N-LOK I Mini-Universal MATE-N-LOK

4 CIR UNIV M-N-L PLUG - 172167-1

TE INTERNAL NUMBER: 172167-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **4**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Connector Seals
MATE-N-LOK I Mini-Universal MATE-N-LOK

04P MINI UMNL SEAL, DIE CUT - 794772-4

TE INTERNAL NUMBER: 794772-4

✓ Active

Always EU RoHS/ELV Compliant

Accessory Type **Interface Seal**



PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors
MATE-N-LOK I Mini-Universal MATE-N-LOK

4 CIR UMNL PLUG, ROUND HOLES - 794805-1

TE INTERNAL NUMBER: 794805-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **4**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors
MATE-N-LOK I Mini-Universal MATE-N-LOK 2

Always EU RoHS/ELV Compliant





04P MINI UMNL2 PLUG HSG UL94V0 - 794188-1

TE INTERNAL NUMBER: 794188-1

✓ Active

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **4**