



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

02P MINI UMNL R/A HDR ASSY SN

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

1-770966-0

TE Internal Number: 1-770966-0

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, 2 CIRCUIT, MINI UNIVERSAL MATE-N-LOK(TM)

PDF
English

CAD Files

3D PDF

PDF
English

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_QRG

PDF
English

Product Specifications

Application Specification

Mini-Universal MATE-N-LOK Splash-Proof Sealed Connectors

PDF
English

Mini-Universal MATE-N-LOK Connectors

PDF
English

Product Environmental Compliance

TE Material Declaration

MD_1-770966-0_02262016822_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	2
	Centerline	4.14 mm [.163 in]
	PCB Mounting Orientation	Right Angle
	Number of Rows	1
	Multiple Contact Types	Without
	Contact Layout	Inline
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
	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)

11.16

Height (mm)

7.77

PCB Thickness (Recommended)

1.57 mm [.062 in]

Length (mm)

12.7

Usage Conditions

Sealed Condition

Not Sealed

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

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

TOGGLE SWITCHES

SPRING FINGER CONTACTS

PCB D-SUB CONNECTORS

RECTANGULAR POWER
CONNECTORS



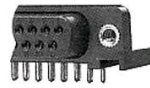
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1-770968-0

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Products - 3 Results

[View All](#)

Compare 0/10

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
**2 CIR UNIV M-N-L PLUG
NATL - 172165-1**
TE INTERNAL NUMBER: 172165-1
ALIAS ID: 2-42939-6011

Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **2**



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
**02P MINI UMNL2 PLUG
HSG UL94V0 - 794184-1**
TE INTERNAL NUMBER: 794184-1

Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **2**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS





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

02P MINI UMNL SEAL, DIE CUT - 794772-2

TE INTERNAL NUMBER: 794772-2

✓ Active

Always EU RoHS/ELV Compliant

Accessory Type **Interface Seal**



PRODUCT - MATING PRODUCTS

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

02P MINI UMNL PLUGS WIRE HOLES - 794894-1

TE INTERNAL NUMBER: 794894-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **2**

