

RECTANGULAR POWER CONNECTORS



PRODUCT DRAWING

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English

J 3D PDF

TE CONNECTIVITY (TE)

03P MINI UMNL R/A HDR ASSY SN MATE-N-LOK | Mini-Universal MATE-N-LOK

1-770967-0 TE Internal Number: 1-770967-0

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			

Product Drawings	HEADER ASSEMBLY, RIGHT ANGLE, WITH SHORT PEG, 3 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

Product Specifications Application Specification Mini-Universal MATE-N-LOK Connectors PDF **English**

PDF **English**

Product Environmental Compliance

TE Material Declaration

MD_1-770967-0_02262016823_dmtec PDF English

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Please review product documents or **contact us** for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

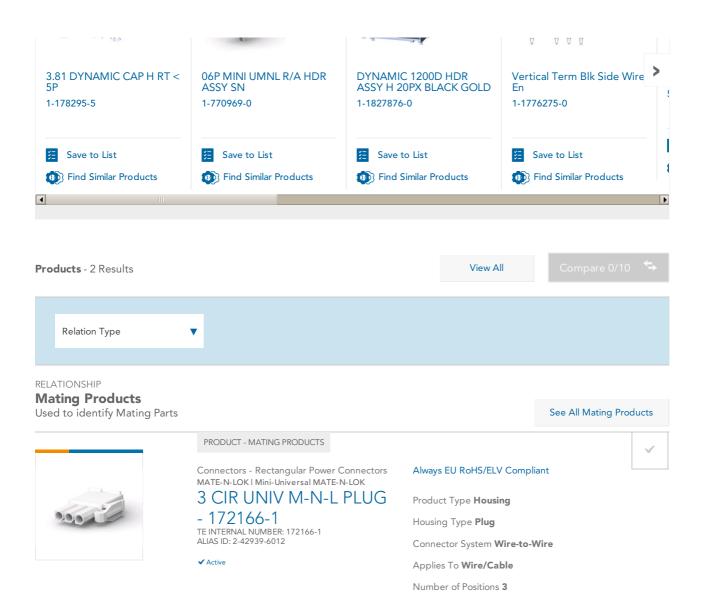
Product Type Features	Product Type	Header
	Housing Type	Plug
	Contact Type	Pin
Configuration Features	Number of Positions	3
	Centerline	4.14 mm [.163 in]
	PCB Mounting Orientation	Right Angle
	Number of Rows	1
	Multiple Contact Types	Without
	Contact Layout	Inline
Electrical Characteristics	Contact Current 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)	12.7
	Height (mm)	7.77
	PCB Thickness (Recommended)	1.57 mm [.062 in]
	Length (mm)	15.29
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

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT





RELATIONSHIP Mating Products Used to identify Mating Parts



PRODUCT - MATING PRODUCTS

Connectors - Rectangular Power Connectors MATE-N-LOK I Mini-Universal MATE-N-LOK 2 03P MINI UMNL2 PLUG HSG UL94V0 - 794186-1 TE INTERNAL NUMBER: 794186-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing** Housing Type **Plug** Connector System **Wire-to-Wire**

Applies To Wire/Cable

Number of Positions 3

