## RECTANGULAR POWER CONNECTORS



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PRODUCT DRAWING
 English
 3D PDF

**Product Drawings** 

## TE CONNECTIVITY (TE) MINI UNIVERSAL MATE-N-LOK CAP HOUSING 6P

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

172331-1 TE Internal Number: 172331-1 Alias ID: 0-0172331-1

Always EU RoHS/ELV Compliant Product Type Housing Housing Type Receptacle Connector System Wire-to-Wire Applies To Panel, Wire/Cable Number of Positions 6

MINI UNIVERSAL MATE N LOK CONN. CAP HOUSING 6 POS. (UL94V 2) PDF (TIFF AVAILABLE) English

MINI UNIVERSAL MATE N LOK CONN. CAP HOUSING 6 POS. (UL94V 2) PDF (TIFF AVAILABLE) 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

PDF **English** 

1-1773458-0\_MINI\_UNIVERSAL\_MATE\_N\_LOK\_CONNECTOR\_SYSTEM\_QRG PDF English

**Product Specifications** 

Product Specification

Mini-Universal MATE-N-LOK Connector(UL 94V-2) TIF English Mini-Universal MATE-N-LOK Connector(UL 94V-2) PDF English

Mini-Universal MATE-N-LOK\* Connector

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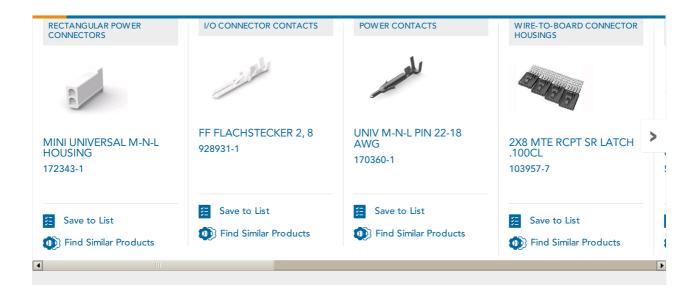
Application Specification Qualification Test Report	English Mini-Universal MATE-N-LOK Connectors PDF English Mini-Universal MATE-N-LOK* Connector PDF English
Product Environmental Compliance	
TE Material Declaration	MD_172331-1_0121201529_dmtec PDF English
Instruction Sheets	
Instruction Sheet (U.S.)	Mini-Universal MATE-N-LOK Connectors 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	Housing
	Housing Type	Receptacle
	Contact Type	Pin
Configuration Features	Number of Positions	6
	Centerline	4.2 mm [ .165 in ]
	PCB Mounting Orientation	Horizontal
	Number of Power Positions	6
	Number of Signal Positions	0
	Number of Rows	2
	Row-to-Row Spacing	4.2 mm [ .163 in ]
	Board-to-Board Configuration	Co-Planar
	Multiple Contact Types	Without
Electrical Characteristics	Operating Voltage (VAC)	600
	Operating Voltage (VDC)	600
Contact Features	Contact Retention	Without
	Contact Termination Area Plating Material	Pre-Tin
	Contact Mating Area Plating Material	Pre-Tin
Termination Features	Termination Method to Wire/Cable	Crimp
	Termination Method to PC Board	Through Hole

Mechanical Attachment	Panel Mount Retention Type	Mounting Ears	
	Panel Mount Retention Assembly Integration Feature	With	
Housing Features	UL Flammability Rating	UL 94V-2	
	Housing Color	Natural	
	Housing Material	Nylon 6/6	
Dimensions	Panel Thickness	.8 – 2 mm [ .031 – .078 in ]	
Usage Conditions	Sealed Condition	Not Sealed	
	Insertion Force (kg)	5.5	
Operation/Application	Connector System	Wire-to-Wire	
	Applies To	Panel, Wire/Cable	
	Operating Temperature	-20 – 105 °C [-4 – 221 °F ]	
	Circuit Application	Power	
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire	
	UL Rating	Recognized	
	VDE Tested	Yes	
	CSA Rating	Certified	
	CSA File Number	LR7189	
	Agency/Standard Number	E28476	
	Agency/Standard	CSA, UL	
Packaging Features	Packaging Method	Bag	
	Packaging Quantity	500	
Other	For Use With	Mini-Universal MATE-N-LOK Plug Housing	
Product Compliance	Statement of Compliance PDF		

VIEW ALL PRODUCT COMPLIANCE



Products - 79 Results		View All	Compare 0/10	
Relation Type	•			
RELATIONSHIP <b>Contacts</b> Identifies Contacts compatible with a given Housing			See All Contac	cts
	PRODUCT - CONTACTS			~
and a	Connectors - Power Contacts MATE-N-LOK   Mini-Universal MATE-N-LOK MINI UMNL SOK 26-	Always EU RoHS/ELV Compli	ant	

22AWG SN LP - 770986-1 TE INTERNAL NUMBER: 770986-1 ALIAS ID: 010-5172-00

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Product Type **Contact** Contact Current Rating **11.2 A** Operating Voltage **600 VAC** Operating Voltage **600 VDC** Wire/Cable Size **26 – 22 AWG** 

#### RELATIONSHIP

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Contacts

Identifies Contacts compatible with a given Housing



PRODUCT - CONTACTS

Connectors - Power Contacts MATE-N-LOK | Mini-Universal MATE-N-LOK MINI UMNL PIN 22-18 AWG AU - 1-770903-0 TE INTERNAL NUMBER: 1-770903-0

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#### Always EU RoHS/ELV Compliant

Product Type **Contact** Contact Current Rating **11.2 A** Operating Voltage **600 VAC** Operating Voltage **600 VDC** Wire/Cable Size **22 – 18 AWG**  See All Contacts



PRODUCT - CONTACTS

### Connectors - Power Contacts MATE-N-LOK I Mini-Universal MATE-N-LOK MINI UMNL SOCKET PHBR - 770834-4 TE INTERNAL NUMBER: 770834-4

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Always EU RoHS/ELV Compliant

Product Type **Contact** Contact Current Rating **11.2 A** 

Operating Voltage 600 VAC

Operating Voltage 600 VDC

Wire/Cable Size **30 – 26 AWG**