



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

10P CMNL HDR ASSY NATL

MATE-N-LOK | Commercial MATE-N-LOK

1-380991-0

TE Internal Number: 1-380991-0

Always EU RoHS/ELV Compliant

Product Type **Header**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating (A) **12**

Number of Positions **10**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

10 CIRCUIT MATE N LOK P.C. BOARD PIN HEADER

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_SOCKET_CONNECTORS_STANDARD_DENSITY

PDF
English

Product Specifications

Application Specification

MATE-N-LOK Commercial Pin And Socket Contacts

PDF
Japanese

MATE-N-LOK Commercial Pin And Socket Contacts

TIF
Japanese

Commercial MATE-N-LOK Pin And Socket Contacts

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
	Contact Type	Pin
Configuration Features	Number of Positions	10
	Centerline	4.95 mm [.195 in]
	PCB Mounting Orientation	Vertical
	Number of Rows	2
	Row-to-Row Spacing	9.14 mm [.36 in]
Electrical Characteristics	Contact Current Rating (A)	12
	Operating Voltage (VAC)	250
Termination Features	Termination Method to PC Board	Through Hole - Solder
	Termination Post/Tail Length	3.81 mm [.149 in]
Mechanical Attachment	Mating Retention	With
	Mating Retention Type	Positive Lock
	Mating Alignment	With
	Mating Alignment Type	Polarization
Housing Features	UL Flammability Rating	UL 94V-2
	Housing Color	Natural
	Housing Material	Thermoplastic
Dimensions	PCB Thickness (Recommended)	1.57 mm [.062 in]
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Board
	Applies To	Printed Circuit Board
	Operating Temperature	-55 – 105 °C [221 – 221 °F]
Industry Standards	UL Rating	Certified, Recognized
	VDE Tested	No
	CSA File Number	LR16455
	Agency/Standard Number	E28476

Agency/Standard

CSA, UL

Packaging Features

Packaging Method

Bag

Packaging Quantity

100

Other

For Use With





Socket (Plug) Housing

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

SURFACE MOUNT RESISTORS	RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS
			
RLP73K 3A R18 5% 2K RL RLP73K3AR18JTE	05P UMNL HDR ASSY 640467-1	06P CMNL HDR ASSY NATL 1-380999-0	03P UMNL PIN HDR ASSY NATL 350429-1
Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products

Products - 1 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 Commercial MATE-N-LOK
**10P CMNL PLUG HSG
M/M NATL - 1-480285-0**
TE INTERNAL NUMBER: 1-480285-0

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✓ Active

