



# RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

## MNL 2 POS NATURAL PIN HSG

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

170924-1

TE Internal Number: 170924-1

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **2**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

Japanese  
PDF (TIFF AVAILABLE)  
English

Japanese  
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

### Product Specifications

Product Specification

MATE-N-LOK CONNECTOR  
PDF  
English

MATE-N-LOK CONNECTOR  
TIF  
English

MATE-N-LOK CONNECTOR  
TIF  
Japanese

MATE-N-LOK CONNECTOR  
PDF  
Japanese

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	<b>Housing</b>
	Housing Type	<b>Plug</b>
	Contact Type	<b>Pin</b>

---

Configuration Features	Number of Positions	<b>2</b>
	Centerline	<b>5.08 mm [ .2 in ]</b>
	Number of Rows	<b>1</b>
	Contact Layout	<b>Inline</b>

---

Electrical Characteristics	Operating Voltage (VAC)	<b>250</b>
----------------------------	-------------------------	------------

---

Mechanical Attachment	Panel Mount Retention	<b>Without</b>
-----------------------	-----------------------	----------------

---

Housing Features	UL Flammability Rating	<b>UL 94V-2</b>
	Housing Color	<b>Natural</b>
	Housing Material	<b>Nylon 66 GF</b>

---

Usage Conditions	Sealed Condition	<b>Not Sealed</b>
------------------	------------------	-------------------

---

Operation/Application	Connector System	<b>Wire-to-Wire</b>
	Applies To	<b>Wire/Cable</b>
	Operating Temperature	<b>-55 – 105 °C [ -67 – 221 °F ]</b>

---

Identification Marking	Circuit Identification Feature	<b>With</b>
------------------------	--------------------------------	-------------

---

Industry Standards	UL Rating	<b>Certified, Recognized</b>
	VDE Tested	<b>No</b>
	CSA File Number	<b>LR16455</b>
	Agency/Standard Number	<b>E28476</b>
	Agency/Standard	<b>CSA, UL</b>





---

Packaging Features	Packaging Method	<b>Bag</b>
	Packaging Quantity	<b>500</b>

---

Other	For Use With	<b>Socket (Plug) Housing</b>
-------	--------------	------------------------------

## CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	RECTANGULAR CONNECTOR HOUSINGS	CRIMP QUICK DISCONNECTS	WIRE-TO-BOARD CONNECTOR CONTACTS
			
<b>CMNL PLG 2P FREE HNG</b> 170923-1	<b>DYNAMIC 1200D TAB HSG</b> 4P F/H 1-1903130-2	<b>.187 SER FASTON RECP</b> 170038-2	<b>CONTACT FOR DRAWER CONN</b> 170311-1
<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>

Products - 140 Results

[View All](#)

[Compare 0/10](#)

Relation Type

### RELATIONSHIP

#### Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Power Contacts  
MATE-N-LOK | Commercial MATE-N-LOK

**MNL SOCKET PRE-TIN**  
**PH BR - 170147-2**

TE INTERNAL NUMBER: 170147-2

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **13 A**

Operating Voltage **250 VAC**

Operating Voltage **250 VDC**

Wire/Cable Size **24 – 18 AWG**



### RELATIONSHIP

#### Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



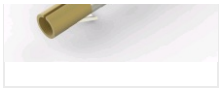
Connectors - Power Contacts  
MATE-N-LOK | Commercial MATE-N-LOK

**CMNL SOK 20-14**  
**AI1PHR7 41117 4**

Always EU RoHS/ELV Compliant

Product Type **Contact**





**AU11BZ - 0111-0**  
TE INTERNAL NUMBER: 61117-6

✓ Active

Contact Current Rating **15 A**

Operating Voltage **250 VAC**

Wire/Cable Size **20 – 14 AWG**

Wire/Cable Size **.5 – 2.27 mm<sup>2</sup>**

RELATIONSHIP

**Contacts**

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Power Contacts  
MATE-N-LOK I Commercial MATE-N-LOK

**CMNL SOK AUPHBZ L/P**  
**- 60619-7**

TE INTERNAL NUMBER: 60619-7

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **10 A**

Operating Voltage **250 VAC**

Wire/Cable Size **20 – 14 AWG**

Wire/Cable Size **.5 – 2.27 mm<sup>2</sup>**

