



# RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

## 03P CMNL PLUG HSG W/LOK NATL

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

1-480721-0

TE Internal Number: 1-480721-0

Always EU RoHS/ELV Compliant

Product Type **Housing**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **3**

UL Flammability Rating **UL 94V-2**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

[PLUG, 3 CIRCUIT, COMMERCIAL MATE-N-LOK\(TM\)](#)

PDF (TIFF AVAILABLE)  
English

[PLUG, 3 CIRCUIT, COMMERCIAL MATE-N-LOK\(TM\)](#)

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\\_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

### Product Environmental Compliance

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>
	Contact Type	<b>Socket</b>
Configuration Features	Number of Positions	<b>3</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</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>Package</b>

Other

For Use With

Pin (Cap) Housing





Product Compliance

[Statement of Compliance](#)

PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p>  <p>03P CMNL HDR ASSY SHORT NATL 350541-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>D-SUB CONNECTOR CONTACTS</p>  <p>SOCKET CONT DUPL PLT STRIP HD- 1658538-2</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>POWER CONTACTS</p>  <p>CMNL SOK PTPBR L/P 60619-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>POWER CONTACTS</p>  <p>CMNL SOK 30-22 PTBR L/P 61173-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>
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Products - 98 Results

[View All](#)

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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

**CMNL SOK 20-14  
TPPHBZ - 61117-4**

TE INTERNAL NUMBER: 61117-4

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

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 | Commercial MATE-N-LOK  
**CMNL SOK 24-18 TPBR**  
- 61314-1  
TE INTERNAL NUMBER: 61314-1  
ALIAS ID: 0-0061314-1, 1101201, 14629, 403334121

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **15 A**

Operating Voltage **250 VAC**

Wire/Cable Size **24 – 18 AWG**

Wire/Cable Size **.2 – .8 mm<sup>2</sup>**



#### 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 S/F 24-18**  
**.0125AUPHBZ - 61314-6**  
TE INTERNAL NUMBER: 61314-6

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **15 A**

Operating Voltage **250 VAC**

Wire/Cable Size **24 – 18 AWG**

Wire/Cable Size **.2 – .8 mm<sup>2</sup>**

