



# POWER CONTACTS



TE CONNECTIVITY (TE)

## CMNL SOK PTPPHBZ L/P

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

60617-4

TE Internal Number: 60617-4  
Alias ID: 11184, 650-1180-01

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating (A) **10**

Operating Voltage (VAC) **250**

Wire/Cable Size (AWG) **24 - 18**

Wire/Cable Size (mm<sup>2</sup>) **.2 - .8**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

[Socket Loose Piece Commercial Mate-N-Lok](#)

PDF (TIFF AVAILABLE)  
English

[Socket Loose Piece Commercial Mate-N-Lok](#)

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

## Instruction Sheets

Instruction Sheet (U.S.)

[Universal, Commercial, And .140 MATE-N-LOK Contact And Housing Selection Charts](#)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	Contact
Electrical Characteristics	Contact Current Rating (A)	<b>10</b>
	Operating Voltage (VAC)	<b>250</b>
Contact Features	Contact Type	<b>Socket</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Contact Mating Area Plating Material	<b>Pre-Tin</b>
	Contact Shape	<b>Round</b>
	Barrel Type	<b>Open Barrel</b>
Termination Features	Wire/Cable Size (AWG)	<b>24 – 18</b>
	Wire/Cable Size (mm <sup>2</sup> )	<b>.2 – .8</b>
	Termination Type	<b>Crimp</b>
Mechanical Attachment	Contact Retention in Housing	<b>With</b>
	Contact Retention in Housing Type	<b>Locking Lance</b>
Dimensions	Mating Pin Diameter	<b>2.13 mm [ .084 in ]</b>
	Accepts Wire Insulation Diameter Range	<b>2.54 mm [ .1 in ]</b>
Operation/Application	Operating Temperature Range	<b>-55 – 105 °C [ -65 – 221 °F ]</b>
	Connector System	<b>Wire-to-Wire</b>
Industry Standards	VDE Tested	<b>No</b>
Packaging Features	Packaging Method	<b>Bag</b>
	Packaging Quantity	<b>1000</b>

Other	For Multiple Crimp	<b>No</b>
	For Use With	<b>Commercial MATE-N-LOK housings</b>
	Wire/Cable Type	<b>Discrete Wire</b>
	Wire Type	<b>Stranded</b>

## Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	HOOK UP WIRE	POWER CONTACTS	TWISTED PAIR CABLE
 <p><b>09P CMNL CAP HSG P/M NATL</b> 1-480277-0</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p><b>99M0111-20-6</b> 99M0111-20-6</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p><b>CMNL PIN PTPPHBZL/P</b> 60618-4</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p><b>44A0121-20-0/9</b> 44A0121-20-0/9</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>

Products - 69 Results

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Relation Type ▼

## RELATIONSHIP

**Housings**

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS		
	<p>Connectors - Rectangular Power Connectors MATE-N-LOK   Commercial MATE-N-LOK</p> <p><b>03P CMNL PLUG HSG W/LOK NATL</b> - 1-480721-0 TE INTERNAL NUMBER: 1-480721-0</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Product Type <b>Housing</b></p> <p>Connector System <b>Wire-to-Wire</b></p> <p>Applies To <b>Wire/Cable</b></p> <p>Number of Positions <b>3</b></p> <p>UL Flammability Rating <b>UL 94V-2</b></p>

RELATIONSHIP

## Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)



PRODUCT - HOUSINGS

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

Always EU RoHS/ELV Compliant

**06P CMNL CAP HSG F/H  
NATL - 1-480340-0**

TE INTERNAL NUMBER: 1-480340-0  
ALIAS ID: 1-0480340-0

✓ Active



RELATIONSHIP

## Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)



PRODUCT - HOUSINGS

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

Always EU RoHS/ELV Compliant

**01P CMNL PLUG HSG  
F/H RED - 1-480349-2**

TE INTERNAL NUMBER: 1-480349-2

✓ Active

