



# RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

## 08P CMNL PLUG HSG M/M NATL

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

1-480283-0

TE Internal Number: 1-480283-0

Always EU RoHS/ELV Compliant

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

[PLUG, 8 CIRCUIT, COMMERCIAL MATE-N-LOK\(TM\)](#)

PDF  
English

### CAD Files

[3D PDF](#)

PDF  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
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

TE Material Declaration

[MD\\_1-480283-0\\_090620122223](#)

PDF  
English

## Instruction Sheets

Instruction Sheet (U.S.)

[Universal, Commercial, And .140 MATE-N-LOK Contact And Housing Selection Charts](#)

PDF  
English

[MATE-N-LOK Motor Mount Connectors](#)

PDF  
English

[Positive-Engagement MATE-N-LOK Connectors For Free-Hanging Applicators](#)

PDF  
English

[Positive-Engagement MATE-N-LOK Connectors For Free-Hanging Applicators](#)

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.

Detailed product features are not currently available online.





Product Compliance

[Statement of Compliance](#)

PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	RECTANGULAR CONNECTOR HOUSINGS	RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS
			
<b>06P CMNL HDR ASSY NATL</b> 1-380999-0	<b>03P .093 COMM P&amp;S RECPT .248CL</b> 770785-1	<b>4P FH PLUG VAL-U-LOK V0</b> 1586017-4	<b>08P CMNL HDR ASSY PC NATL LF</b> 1586518-2
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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 I Commercial MATE-N-LOK

**MATENLOK.PIN**

**- 163303-8**

TE INTERNAL NUMBER: 163303-8

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **15 A**

Operating Voltage **250 VAC**

Wire/Cable Size **17 – 13 AWG**

Wire/Cable Size **1 – 2.5 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 PIN 30-22 PTPHBZ**

**- 350079-4**

TE INTERNAL NUMBER: 350079-4

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **15 A**

Operating Voltage **250 VAC**

Wire/Cable Size **30 – 22 AWG**

Wire/Cable Size **.05 – .4 mm<sup>2</sup>**



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

**08P CMNL HDR ASSY PC**

**NATL - 350426-1**

TE INTERNAL NUMBER: 350426-1

✓ Active

Always EU RoHS/ELV Compliant

