



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

02P CMNL PLUG HSG W/LOK NATL

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

1-480720-0

TE Internal Number: 1-480720-0

Always EU RoHS/ELV Compliant

Product Type **Housing**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **2**

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

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[PLUG, 2 CIRCUIT, COMMERCIAL MATE-N-LOK\(TM\)](#)

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

Product Environmental Compliance

TE Material Declaration

[MD_1-480720-0_10072014230_dmtec](#)

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	Housing
	Contact Type	Socket
Configuration Features	Number of Positions	2
	Centerline	5.08 mm [.2 in]
	Number of Rows	1
	Row-to-Row Spacing (in)	.2
	Contact Layout	Inline
Electrical Characteristics	Operating Voltage (VAC)	250
Mechanical Attachment	Panel Mount Retention	Without
Housing Features	UL Flammability Rating	UL 94V-2
	Housing Color	Natural
	Housing Material	Nylon GF
Dimensions	Width (in)	.43
	Height (in)	.85
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Wire
	Applies To	Wire/Cable
	Operating Temperature	-55 – 105 °C [-67 – 221 °F]
Identification Marking	Circuit Identification Feature	With
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

Package

Packaging Quantity

1

Other

For Use With




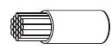
Pin (Cap) Housing

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p>  <p>02P CMNL CAP HSG W/POS LOCK 794012-1</p> <p>Save to List Find Similar Products</p>	<p>POWER CONTACTS</p>  <p>CMNL SOK 30-22 PTBR L/P 61173-1</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>02P CMNL HDR ASSY SHORT NATL 350539-1</p> <p>Save to List Find Similar Products</p>	<p>HOOK UP WIRE</p>  <p>FLHTC0311-0.35-0 FLHTC0311-0.35-0</p> <p>Save to List Find Similar Products</p>
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Products - 101 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

CMNL PIN 30-22 AUBR
- 350079-5

TE INTERNAL NUMBER: 350079-5

✓ 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 mm²**

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 PCB SOK PTPHBZ - 61320-1

TE INTERNAL NUMBER: 61320-1
ALIAS ID: AMPS-0-0061320-1, F06641-000

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **15 A**

Operating Voltage **250 VAC**

Contact Type **Socket**

Operating Temperature Range -
55 – 105 °C



RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



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

SOCKET MATEN-LOK - 163304-4

TE INTERNAL NUMBER: 163304-4

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **15 A**

Operating Voltage **250 VAC**

Wire/Cable Size **20 – 17 AWG**

Wire/Cable Size **.5 – 1 mm²**

