



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

04P CMNL HDR VRT W/DH LF

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

1586627-1

TE Internal Number: 1586627-1

Always EU RoHS/ELV Compliant

Product Type **Header**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating (A) **12**

Number of Positions **4**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[HEADER ASSY, 4 CKT, COMMERCIAL MATE-N-LOK\(TM\)](#)

PDF (TIFF AVAILABLE)
English

[HEADER ASSY, 4 CKT, COMMERCIAL MATE-N-LOK\(TM\)](#)

PDF (TIFF AVAILABLE)
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
English

Catalog Pages/Data Sheets

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

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	Header
	Contact Type	Pin
Configuration Features	Number of Positions	4
	Centerline	5.08 mm [.2 in]
	PCB Mounting Orientation	Vertical
	Number of Rows	1
	Contact Layout	Inline
Electrical Characteristics	Contact Current Rating (A)	12
	Operating Voltage (VAC)	250
Termination Features	Wire/Cable Size (AWG)	30 – 14
	Termination Method to PC Board	Through Hole
	Termination Post/Tail Length	3.81 mm [.149 in]
Mechanical Attachment	Mating Alignment	With
	Mating Retention	With
	Mating Retention Type	Detent Lock
	Mating Alignment Type	Polarization
Housing Features	UL Flammability Rating	UL 94V-2
	Housing Color	Natural
	Housing Material	Nylon
Dimensions	Insulation Diameter (Max)	3.3 mm [.13 in]
	PCB Thickness (Recommended)	1.57 mm [.062 in]
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Board

Applies To	Printed Circuit Board
Operating Temperature	-55 – 105 °C [-67 – 221 °F]

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

Packaging Features	Packaging Method	Bag, Tube/Box
	Packaging Quantity	100





Other	For Use With	Socket (Plug) Housing
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Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p>  <p>06P UMNL HDR ASSY PC 94VO 350834-1</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>12P VRT HDR VAL-U-LOK V0 1-1586038-2</p> <p>Save to List Find Similar Products</p>	<p>SURFACE MOUNT RESISTORS</p>  <p>CPF 0603 1K54 0.1% 25PPM 1K RL CPF0603B1K54E1</p> <p>Save to List Find Similar Products</p>	<p>SURFACE MOUNT RESISTORS</p>  <p>CPF 0603 9K31 0.1% 25PPM 1K RL CPF0603B9K31E1</p> <p>Save to List Find Similar Products</p>
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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS

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

Always EU RoHS/ELV Compliant



04P CMNL PLUG HSG
F/H BLK - 1-480424-9

TE INTERNAL NUMBER: 1-480424-9

✓ Active

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

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

Always EU RoHS/ELV Compliant



04P CMNL PLUG HSG
F/H NATL - 1-480424-0

TE INTERNAL NUMBER: 1-480424-0

ALIAS ID: 1-0480424-0, 1101333, 650-1176-01

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