



POWER CONTACTS



TE CONNECTIVITY (TE)

CMNL PIN 24-18 PTPHBZ

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

61116-4

TE Internal Number: 61116-4

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating (A) **15**

Operating Voltage (VAC) **250**

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

Wire/Cable Size (mm²) **.2 - .9**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[PIN, MATE-N-LOK](#)

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

Product Specification

[Commercial MATE-N-LOK Printed Circuit Board Headers](#)

PDF
English

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

Qualification Test Report

[AMP Commercial MATE-N-LOK Printed Circuit Board Headers](#)

PDF
English

[AMP Commercial MATE-N-LOK Printed Circuit Board Headers](#)

Product Environmental Compliance

TE Material Declaration

[MD_61116-4_032820141439_dmtec](#)
PDF
English



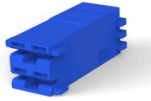

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Product Type	Contact
Electrical Characteristics	Contact Current Rating (A)	15
	Operating Voltage (VAC)	250
Contact Features	Contact Type	Pin
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Material	Pre-Tin
	Contact Shape	Round
	Barrel Type	Open Barrel
Termination Features	Wire/Cable Size (AWG)	24 – 18
	Wire/Cable Size (mm ²)	.2 – .9
	Termination Type	Crimp
Mechanical Attachment	Contact Retention in Housing	With
	Contact Retention in Housing Type	Locking Lance
Dimensions	Mating Pin Diameter	2.13 mm [.084 in]
	Accepts Wire Insulation Diameter Range	2.54 mm [.1 in]
Operation/Application	Applies To	Wire/Cable
	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
	Connector System	Wire-to-Wire
Industry Standards	VDE Tested	No
Packaging Features	Packaging Method	Reel
	Packaging Quantity	8000

Other	For Multiple Crimp	No
	For Use With	Pin (Cap) Housing
	Wire/Cable Type	Discrete Wire
	Wire Type	Stranded

Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p>  <p>06P CMNL CAP HSG F/H NATL 1-480340-0</p> <p>Save to List Find Similar Products</p>	<p>CRIMP RINGS & SPADES</p>  <p>PIDG R 22-16 COMM 22-18 MIL 8 1-320551-1</p> <p>Save to List Find Similar Products</p>	<p>WIRE-TO-BOARD CONNECTOR HOUSINGS</p>  <p>POSI-LOK HSG.250-2 POS RAST5 521204-1</p> <p>Save to List Find Similar Products</p>	<p>CRIMP RINGS & SPADES</p>  <p>RING IS 16-14 .323 .030TPBR 42752-2</p> <p>Save to List Find Similar Products</p>
---	---	--	--

Products - 74 Results

[View All](#)

[Compare 0/10](#)

Relation Type ▼

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

	<p>PRODUCT - HOUSINGS</p> <p>Connectors - Rectangular Power Connectors MATE-N-LOK I Commercial MATE-N-LOK</p> <p>02P CMNL CAP HSG F/H YELL - 1-480319-4 TE INTERNAL NUMBER: 1-480319-4</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p>	<input checked="" type="checkbox"/>
---	---	-------------------------------------	-------------------------------------

RELATIONSHIP

Housings

housings

Identifies Housings compatible with a given Contact

[See All Housings](#)



PRODUCT - HOUSINGS

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

02P CMNL PLUG HSG

F/H BLK - 1-480393-1

TE INTERNAL NUMBER: 1-480393-1

✓ Active

Always EU RoHS/ELV Compliant



RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)



PRODUCT - HOUSINGS

Connectors - Rectangular Connector Housings
MATE-N-LOK | Commercial MATE-N-LOK

06P CMNL PLUG HSG

D/L PM NAT - 1-480690-0

TE INTERNAL NUMBER: 1-480690-0

✓ Active

Always EU RoHS/ELV Compliant

Connector System **Wire-to-Panel,**
Wire-to-Wire

Centerline **5.13 mm**

Row-to-Row Spacing **6.09 mm**

Number of Positions **6**

Number of Rows **2**

