



POWER CONTACTS



TE CONNECTIVITY (TE)

MATENLOK SOCKET TP

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

163300-6

TE Internal Number: 163300-6

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating (A) **15**

Operating Voltage (VAC) **250**

Wire/Cable Size (AWG) **20 – 17**

Wire/Cable Size (mm²) **.5 – 1**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[Socket Mate N Lok](#)

PDF
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

Product Specifications

Product Specification

[MATE-N-LOK Commercial Connector](#)

PDF
English

Application Specification

[Commercial MATE-N-LOK Pin And Socket Contacts](#)

PDF
English

Product Environmental Compliance

TE Material Declaration





[MD_163300-6_06062015347_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	Socket
	Contact Base Material	Brass
	Contact Mating Area Plating Material	Pre-Tin
	Contact Shape	Round
	Barrel Type	Open Barrel
Termination Features	Wire/Cable Size (AWG)	20 – 17
	Wire/Cable Size (mm ²)	.5 – 1
	Termination Type	Crimp
Mechanical Attachment	Contact Retention in Housing	With
	Contact Retention in Housing Type	Locking Lance
Dimensions	Mating Pin Diameter	2.1 mm [.082 in]
	Accepts Wire Insulation Diameter Range	1.8 – 3.3 mm [.071 – .13 in]
Operation/Application	Circuit Application	Ground
	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	4000
Other	For Multiple Crimp	No
	For Use With	Commercial MATE-N-LOK housings
	Wire/Cable Type	Discrete Wire
	Wire Type	Stranded

CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p>  <p>4W CIRCULAR MATE-N-LOK SOCKET HSG BLK 925076-3</p> <p>Save to List Find Similar Products</p>	<p>POWER CONTACTS</p>  <p>MATENLOK PIN 163301-6</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR CONNECTOR HOUSINGS</p>  <p>4W CIRCULAR MATE-N-LOK SOCKET HSG NAT 925076</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>03P M-N-L.SOCK.HSG. 1-163038-0</p> <p>Save to List Find Similar Products</p>
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Products - 74 Results

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Relation Type ▼

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

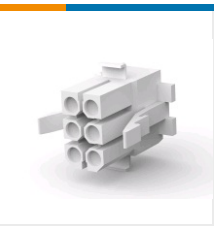
	<p>PRODUCT - HOUSINGS</p>	<p>Connectors - Rectangular Power Connectors MATE-N-LOK Commercial MATE-N-LOK</p> <p>04P CMNL CAP HSG - 794132-1</p> <p>TE INTERNAL NUMBER: 794132-1</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Product Type Housing</p> <p>Housing Type Plug</p> <p>Connector System Wire-to-Wire</p> <p>Applies To Wire/Cable</p> <p>Number of Positions 4</p>	<input checked="" type="checkbox"/>
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RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

	<p>PRODUCT - HOUSINGS</p>	<p>Connectors - Rectangular Power Connectors MATE-N-LOK Commercial MATE-N-LOK</p> <p>MNL PANEL MOUNT PLUG 6P - 171382-1</p> <p>TE INTERNAL NUMBER: 171382-1</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Product Type Housing</p> <p>Connector System Wire-to-Panel, Wire-to-Wire</p> <p>Applies To Panel, Wire/Cable</p> <p>Number of Positions 6</p>	<input checked="" type="checkbox"/>
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RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

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PRODUCT - HOUSINGS



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

12P CMNL PLUG HSG
P/M NATL - 1-480275-0
TE INTERNAL NUMBER: 1-480275-0

Always EU RoHS/ELV Compliant



✓ Active