



# POWER CONTACTS



TE CONNECTIVITY (TE)

## .140 DIA PIN 20-14 PTPBR

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

61627-1

TE Internal Number: 61627-1

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating (A) **28**

Operating Voltage (VAC) **250**

Wire/Cable Size (AWG) **20 – 14**

Wire/Cable Size (mm<sup>2</sup>) **.5 – 2**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

[.140 DIA PIN](#)

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

### Catalog Pages/Data Sheets

[SOFT\\_SHELL\\_PIN\\_SOCKET\\_CONNECTORS\\_STANDARD\\_DENSITY](#)

PDF  
English

### Product Specifications

Product Specification

[.140 Diameter MATE-N-LOK Pin And Socket Connector](#)

PDF  
English

Application Specification

[MATE-N-LOK .140 Diameter Pin & Socket Contacts](#)

TIF  
Japanese

[MATE-N-LOK .140 Diameter Pin & Socket Contacts](#)

PDF  
Japanese

[MATE-N-LOK .140 Diameter Pin And Socket Contacts](#)

PDF  
English

[MATE-N-LOK .140 Diameter Pin And Socket Contacts](#)

TIF  
English

## Product Environmental Compliance

TE Material Declaration

[MD\\_61627-1\\_091820141220\\_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)	<b>28</b>
	Operating Voltage (VAC)	<b>250</b>
Contact Features	Contact Type	<b>Pin</b>
	Contact Base Material	<b>Brass</b>
	Contact Mating Area Plating Material	<b>Pre-Tin</b>
	Contact Termination Area Plating Material	<b>Tin</b>
Termination Features	Wire/Cable Size (AWG)	<b>20 – 14</b>
	Wire/Cable Size (mm <sup>2</sup> )	<b>.5 – 2</b>
	Termination Type	<b>Crimp</b>
Mechanical Attachment	Contact Retention in Housing	<b>With</b>
	Contact Retention in Housing Type	<b>Locking Lance</b>
Dimensions	Mating Pin Diameter	<b>3.56 mm [ .14 in ]</b>
	Accepts Wire Insulation Diameter Range	<b>2.54 – 4.57 mm [ .1 – .18 in ]</b>
Operation/Application	Applies To	<b>Wire/Cable</b>
	Operating Temperature Range (°C)	<b>-55 – 105</b>
Industry Standards	UL File Number	<b>E28476</b>
	Agency/Standard	<b>CSA, UL</b>
	UL Flammability Rating	<b>UL 94V-2</b>
Packaging Features	Packaging Method	<b>Reel</b>

Packaging Quantity

2500

Other

Comment

**HDM Applicator part number ending in -1 is used on AMPOMATOR CLS Machine with T or G Terminators, -2 is used on AMP-O-LECTRIC Model K Machine, -6 is used on AMP-O-LECTRIC Model G Machine.**

For Use With

**Pin (Cap) Housing**

Wire/Cable Type



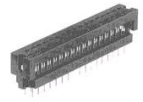

**Discrete Wire**

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

POWER CONTACTS	RECTANGULAR POWER CONNECTORS	RIBBON CABLE CONNECTORS	CRIMP QUICK DISCONNECTS
			
.140 DIA SOK 20-14 PTPBR 61626-1	03P .140 MNL CAP PM NAT 1-350347-0	622-2053LF, PCB IDC, LEAD FREE 1658525-9	FF 250 REC 1.0-2.5MM2 BR SLIVER PLATED 5-160446-6
<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>

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Relation Type ▼

RELATIONSHIP

### Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS



Connectors - Rectangular Power Connectors  
MATE-N-LOK | Commercial MATE-N-LOK  
**03P .140 MNL CAP BLK  
HT - 794061-1**  
TE INTERNAL NUMBER: 794061-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Receptacle**

Applies To **Panel**

Number of Positions **3**

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



RELATIONSHIP

## Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS



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

Always EU RoHS/ELV Compliant



**09P .140 MNL CAP NAT**  
**- 1-480586-0**

TE INTERNAL NUMBER: 1-480586-0

✓ Active

RELATIONSHIP

## Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS



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

Always EU RoHS/ELV Compliant



**02P .140 MNL CAP P/M**  
**NAT - 1-350345-0**

TE INTERNAL NUMBER: 1-350345-0

✓ Active