

5171637-3 ✓ ACTIVE

MATE-N-LOK | Mini-Universal MATE-N-LOK

TE Internal #: 5171637-3

Power Contacts, Contact, 300 VAC, 300 VDC, Gold, 20 – 16 AWG

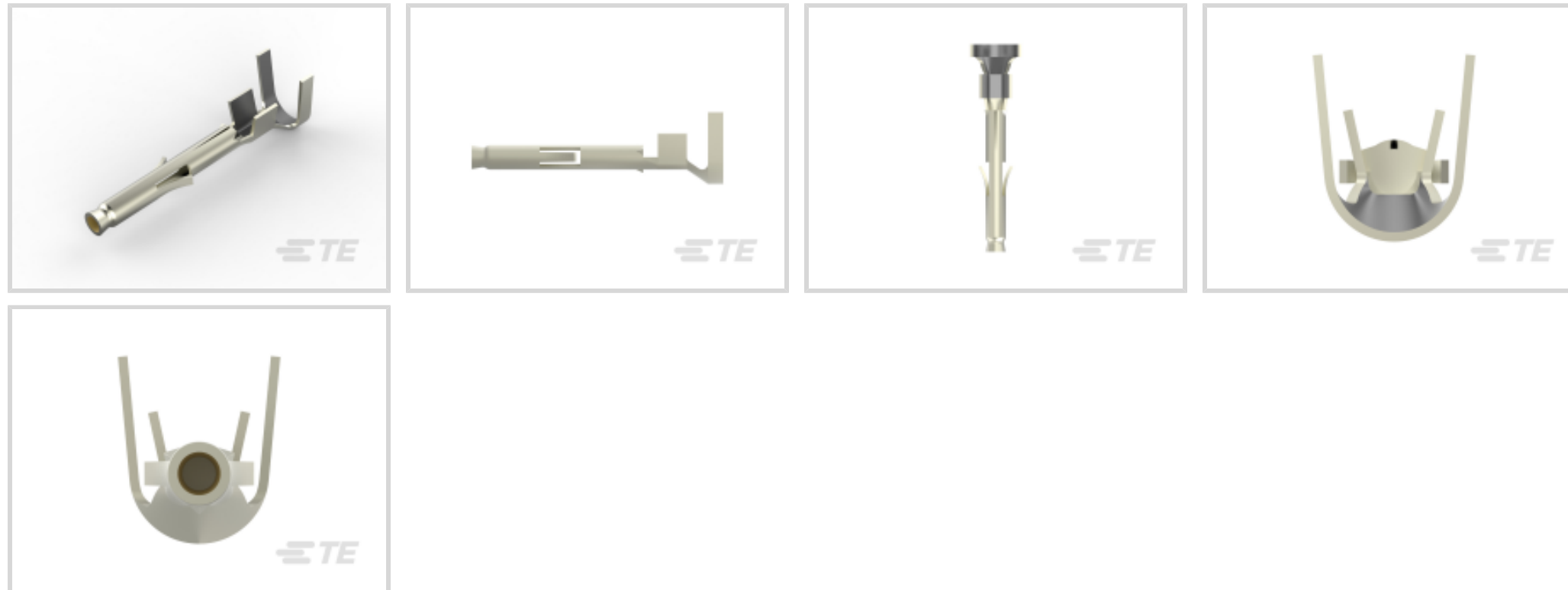
Wire Size, .52 – 1.31 mm<sup>2</sup> Wire Size, Wire-to-Wire, Mini-Universal

MATE-N-LOK

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **300 VDC**

Contact Mating Area Plating Material: **Gold**

Wire Size: **20 – 16 AWG**

## Features

### Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

### Electrical Characteristics

Operating Voltage	300 VDC
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### Contact Features

Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	11.2 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1 mm [.039 in]
Contact Base Material	Brass
Wire Contact Termination Area Plating Thickness	.8 μm [31.49 μin]
Wire Contact Termination Area Plating Material	Tin
Wire Contact Termination Area Plating Material Finish	Bright



Contact Orientation	Straight
Contact Underplating Material	Nickel
<b>Termination Features</b>	
Termination Method to Wire & Cable	Crimp
<b>Mechanical Attachment</b>	
Connector Mounting Type	Cable Mount (Free-Hanging)
Wire Insulation Support	Without
<b>Dimensions</b>	
Wire Size	.52 – 1.31 mm <sup>2</sup>
Accepts Wire Insulation Diameter Range	2 – 3.2 mm, 2.4 mm [.079 – .126 in][.094 in]
<b>Usage Conditions</b>	
Operating Temperature Range	-20 – 105 °C [-4 – 221 °F]
<b>Operation/Application</b>	
Circuit Application	Power
<b>Industry Standards</b>	
CSA Rating	Certified
Glow Wire Rating	Standard Part - Not Glow Wire
VDE Tested	No
Agency/Standard	CSA, UL
CSA File Number	LR 7189
UL Rating	Recognized
UL File Number	E28476
<b>Packaging Features</b>	
Packaging Method	Reel
Packaging Quantity	4000
<b>Other</b>	
Wire/Cable Type	Discrete Wire
Wire Type	Stranded
For Use With	Plug Housing
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, -3 is used on AMP-O-LECTRIC Model G Machine.

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

### Compatible Parts



TE Part # 91536-1  
CCII MINI-UMNL PIN 20-18 16-20x2 ASSY



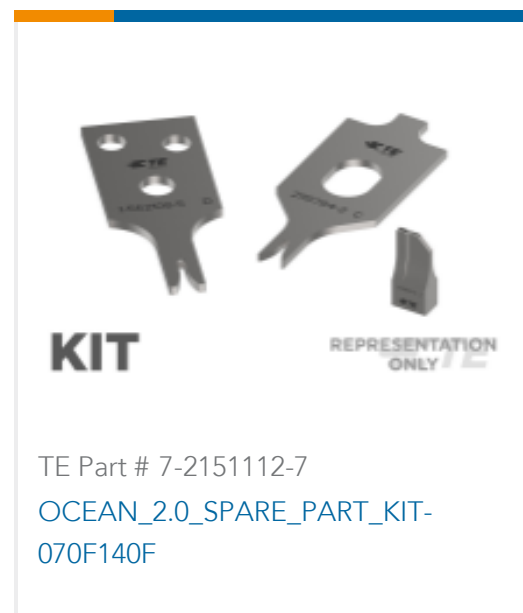
TE Part # 2151112-1  
OCEAN\_2.0\_Applicator-S-070F140F



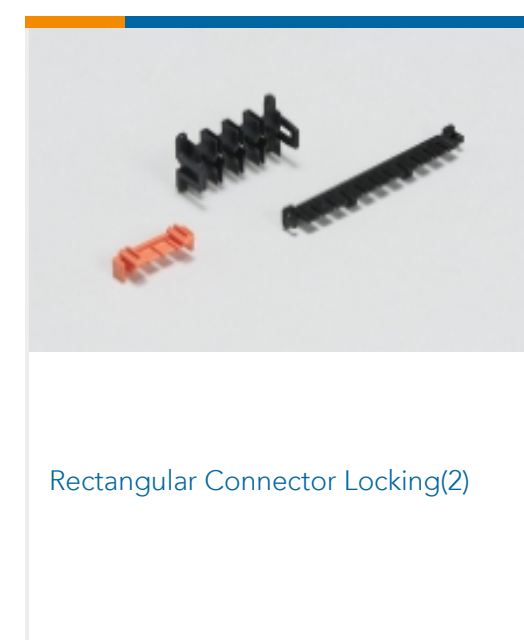
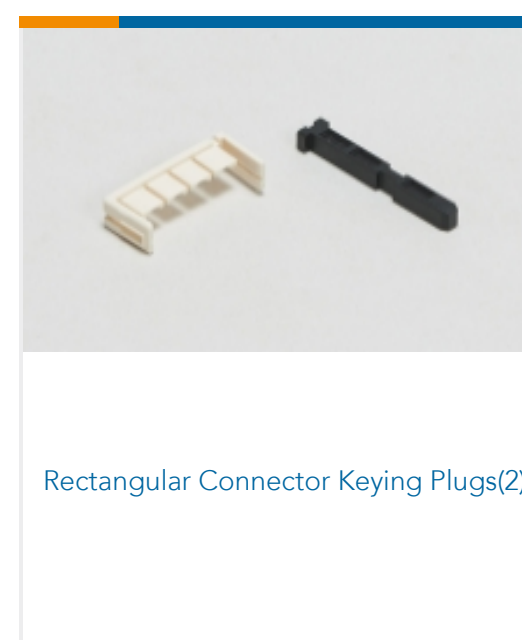
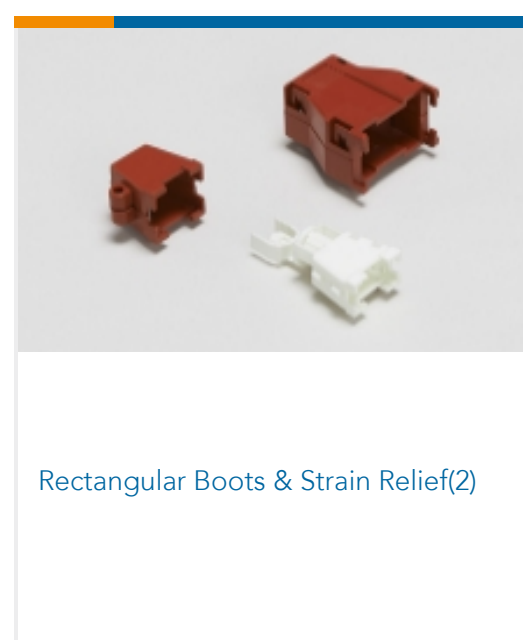
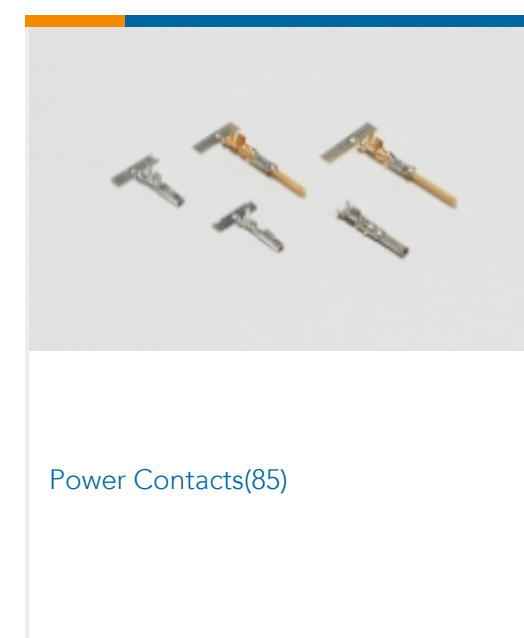
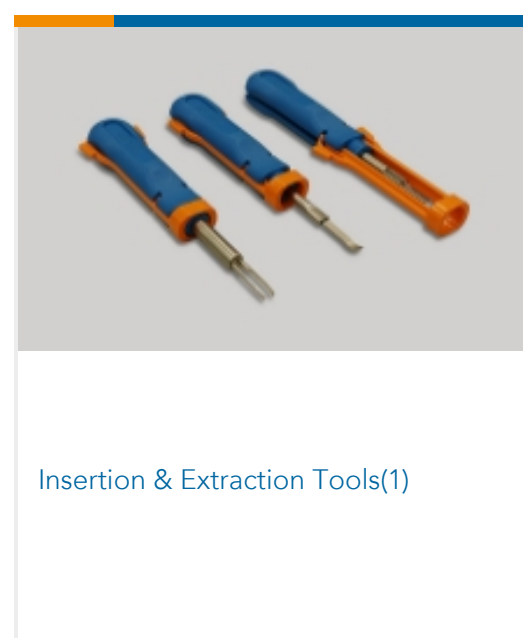
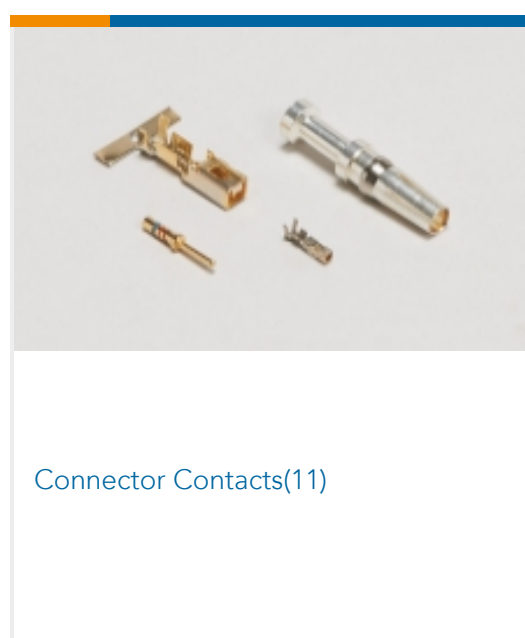
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OCEAN\_2.0\_Applicator-S-070F140F



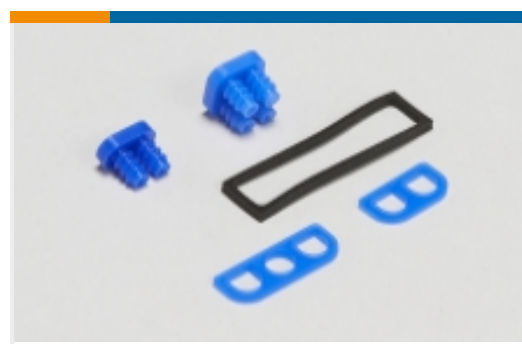
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OCEAN\_2.0\_Applicator-S-070F140F



## Also in the Series | Mini-Universal MATE-N-LOK





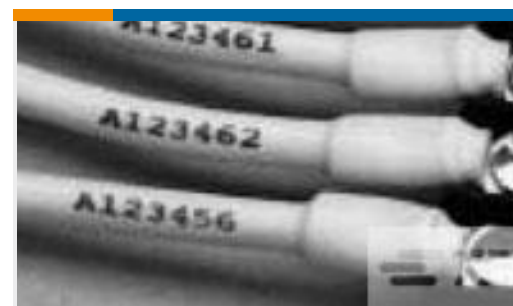


Rectangular Connector Seals(20)



Rectangular Power Connectors(283)

## Customers Also Bought

TE Part #352152-1  
Z-PACK/B F-HDR 110PTE Part #2-179958-6  
DYNAMIC D-5 REC HSG Y SGL ROWTE Part #3-5177986-6  
0.8FH,P08H.5,140,08/Sn,TR,SCTE Part #1-1469492-2  
MULTIGIG RT 9MM GUIDE/ESD 45 DEGTE Part #1-1469492-9  
MULTIGIG RT 9MM GUIDE/ESD UNKETE Part #3-350566-1  
MINI AMP-IN 22-18 PTLP/PHBZTE Part #5052944058  
RNF-100-3/32-0-SPTE Part #927871-1  
JUNIOR-TIMER KONTTE Part #2-604751-0  
CABLE TIES 11 3/4" BL 1000/PKG

## Documents

### Product Drawings

[MINI U-M-N-L SOCKET CONT AU](#)

Japanese

### CAD Files

[3D PDF](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_5171637-3\\_A.3d\\_igs.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_5171637-3\\_A.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_5171637-3\\_A.2d\\_dxf.zip](#)

English

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## Product Specifications

**Crimping of Mini-Universal MATE-N-LOK Contact**

Japanese

[Application Specification](#)

Japanese

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## Product Environmental Compliance

**Product Compliance**

English

[Product Compliance](#)

English