

350536-1 ✓ ACTIVE

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

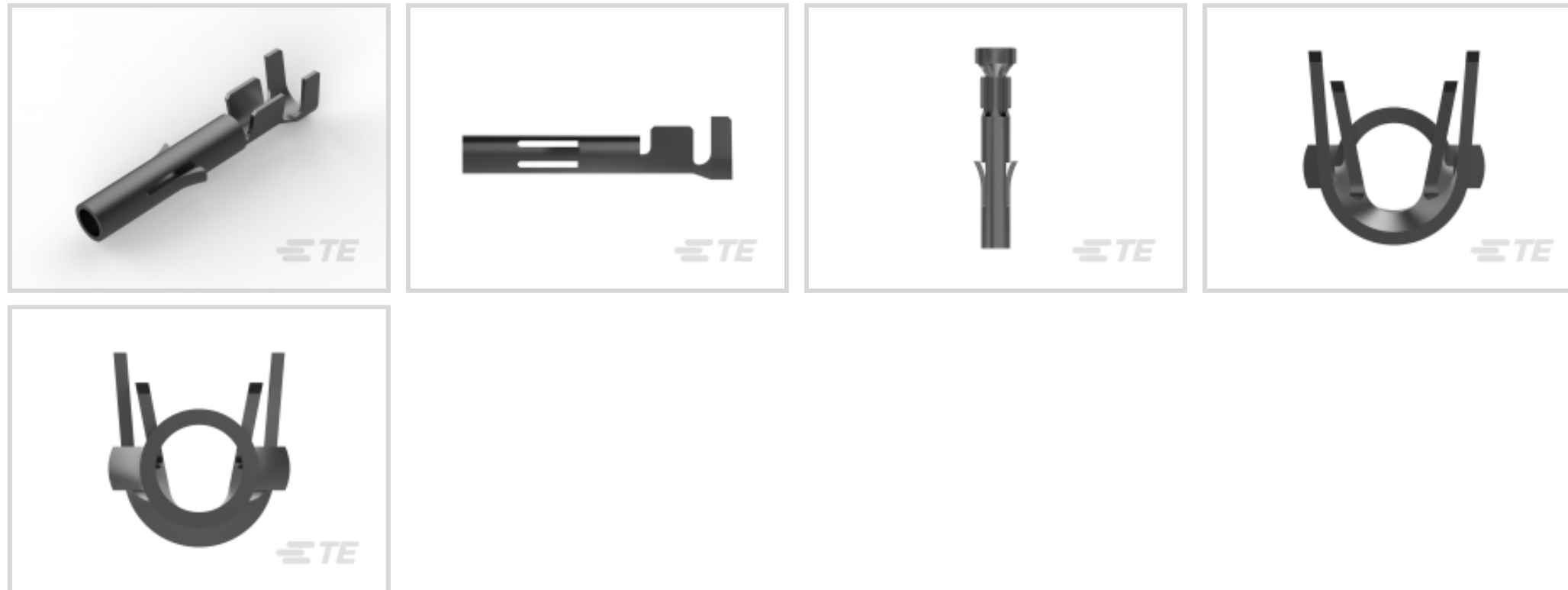
TE Internal #: 350536-1

Socket Contact, Tin, 600 VAC, Locking Lance Contact Retention, 20 – 14 AWG Wire Size, .5 – 2 mm<sup>2</sup> Wire Size, Crimp, Brass, Power, Universal MATE-N-LOK

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Tin**

Operating Voltage: **600 VAC**

Contact Retention Within Housing: **With**

## Features

### Industry Standards

Compatible With Agency/Standards Products	UL, VDE, CSA
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### Product Type Features

Discrete Wire Type	Stranded
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### Packaging Features

Packaging Quantity	5000
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Packaging Method	Reel
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### Dimensions

Compatible Insulation Diameter Range	1.52 – 3.3 mm [.06 – .13 in]
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Wire Size	.5 – 2 mm <sup>2</sup>
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### Mechanical Attachment

Wire Insulation Support	Without
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Contact Retention Type Within Housing	Locking Lance
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### Contact Features



Contact Orientation	Straight
Mating Pin Diameter	2.13 mm[.084 in]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	19 A

### Electrical Characteristics

Operating Voltage	600 VAC
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### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Operation/Application

Circuit Application	Power
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## 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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



**KIT** REPRESENTATION ONLY

TE Part # 7-2266379-7  
OC-090F130F-752-CRIMPTOOLINGKIT



TE Part # 2378745-2  
SDE F UMNL/MNL 14-20AWG DIE SET



TE Part # 1-350777-8  
02P UMNL V0 PLUG HSG GRAY



TE Part # 1-794762-6  
12P UMNL CAP HSG,PAN MNT,BLUE



TE Part # 1-794762-3  
12P UMNL CAP HSG,PAN MNT, ORANGE



TE Part # 1-794761-1  
09P UMNL CAP HSG,P/MT,V0,BROWN



TE Part # 1-480698-1  
02P UMNL PLUG HSG BRN



TE Part # 1-480710-1  
15P UMNL PLUG HSG BRN



TE Part # 1-480702-2  
04P UMNL PLUG HSG RED



TE Part # 1-350766-8  
03P UMNL V0 PLUG HSG GRAY



TE Part # 1-480709-0  
12P UMNL CAP HSG NATL



TE Part # 1-350777-3  
02P UMNL V0 PLUG HSG ORANGE



TE Part # 1-480703-1  
04P UMNL CAP HSG BRN



TE Part # 1-480703-5  
04P UMNL CAP HSG GRN

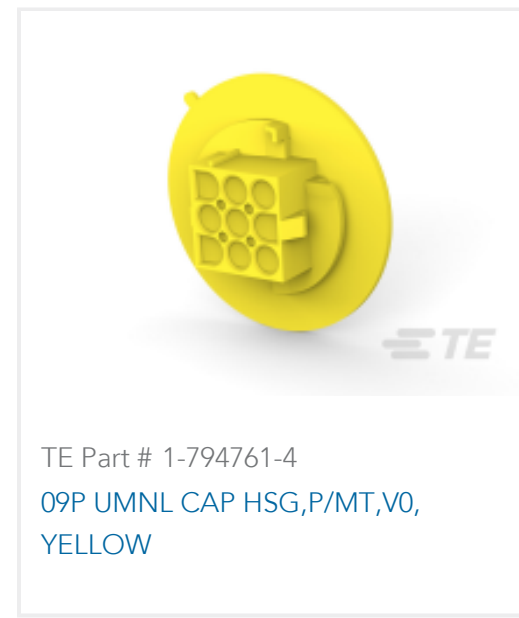


TE Part # 926308-3  
8P UN-MNL AUFN-GEH

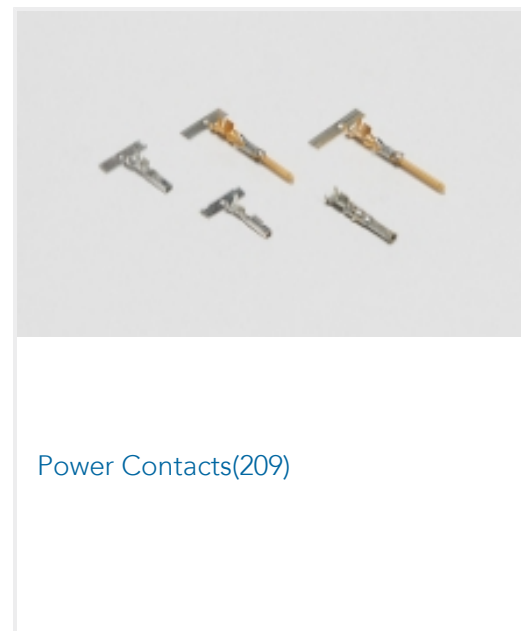
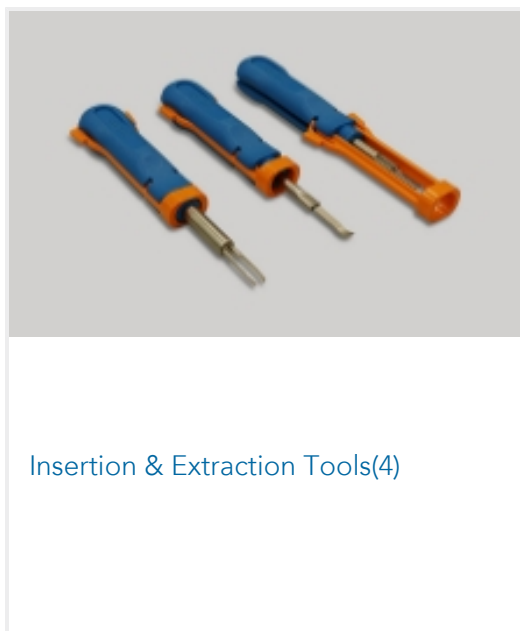
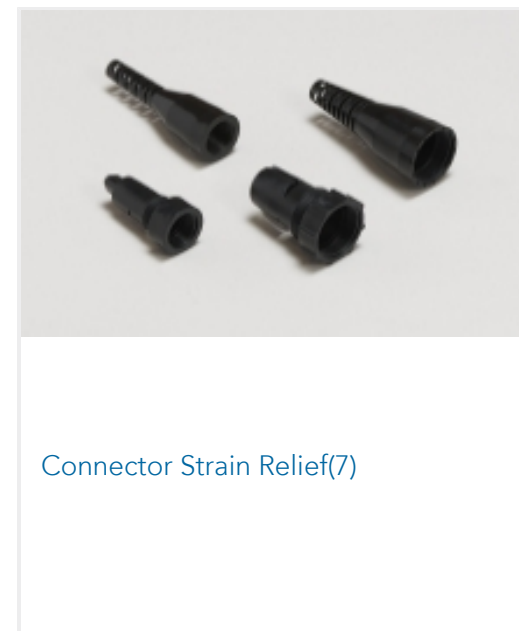
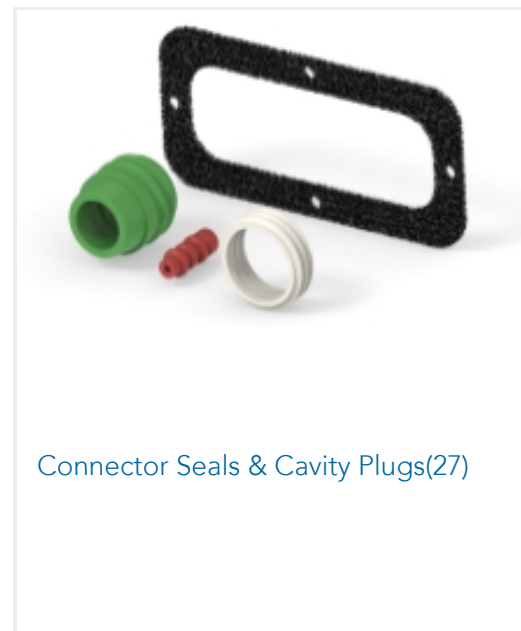
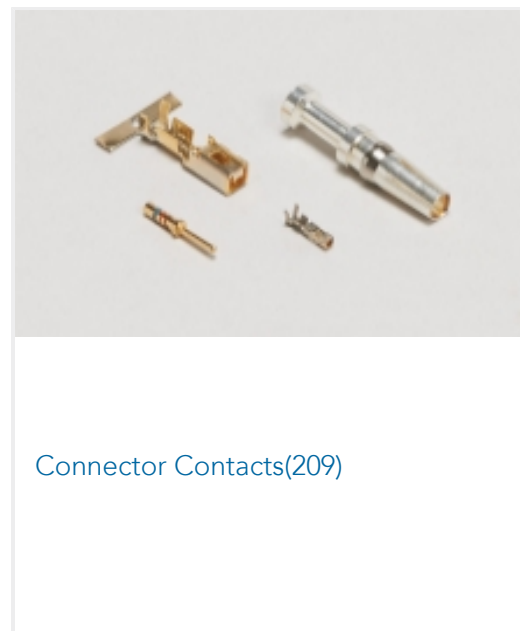
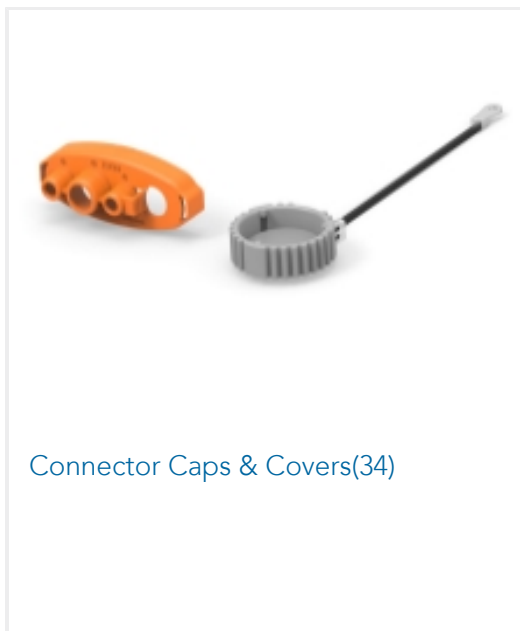


**KIT** REPRESENTATION ONLY

TE Part # 7-2151500-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-090F130F

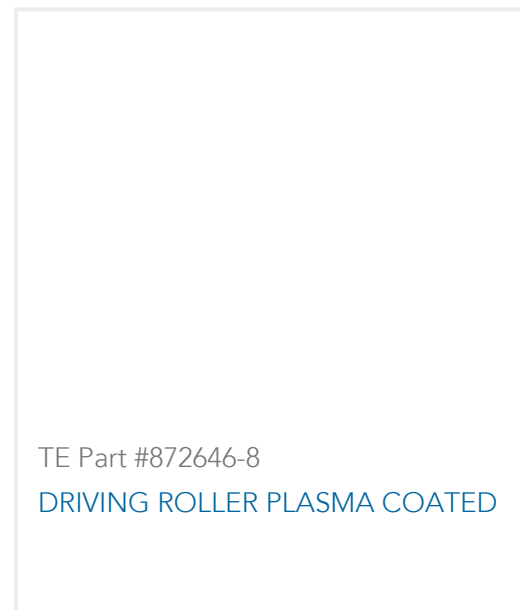


Also in the Series | **Universal MATE-N-LOK**



Customers Also Bought





## Documents

### Product Drawings

[UMNL SOK 20-14 .0126 PTPBR](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_350536-1\\_BJ.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_350536-1\\_BJ.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_350536-1\\_BJ.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

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

English

### Product Specifications

[Engineering Report](#)

English

### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

### Agency Approvals

[VDE Certificate](#)

English