



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

TE Internal #: 350851-2

Socket Contact, Gold (Au), 600 VAC, Locking Lance Contact Retention, 24 – 18 AWG, .2 – .8 mm<sup>2</sup> Wire, Crimp, Brass, Power, Universal MATE-N-LOK

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

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

Operating Voltage: **600 VAC**

Contact Retention Within Housing: **With**

**Features**

**Product Type Features**

Discrete Wire Type	Stranded
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**Electrical Characteristics**

Operating Voltage	600 VAC
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**Contact Features**

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	2.13 mm[.084 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold



Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	19 A

#### Termination Features

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

#### Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

#### Dimensions

Compatible Insulation Diameter Range	1.02 – 2.54 mm [.04 – .1 in]
Wire Size	.2 – .8 mm <sup>2</sup>

#### Usage Conditions

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

Circuit Application	Power
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#### Industry Standards

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

Packaging Quantity	7500
Packaging Method	Reel

#### 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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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



TE Part # 2266342-2  
OCEAN\_2.0\_Applicator-S-070F100V-RSA



**KIT**  
REPRESENTATION ONLY

TE Part # 7-2266342-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-070F100OV



TE Part # 1-350766-3  
03P UMNL V0 PLUG HSG ORANGE



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



TE Part # 350720-1  
09P UMNL PLUG HSG



TE Part # 1-480706-2  
09P UMNL PLUG HSG RED



TE Part # 350784-1  
15P UMNL CAP HSG



TE Part # 480763-1  
05P UMNL PLUG HSG BRN



TE Part # 1-350766-5  
03P UMNL V0 PLUG HSG GREEN



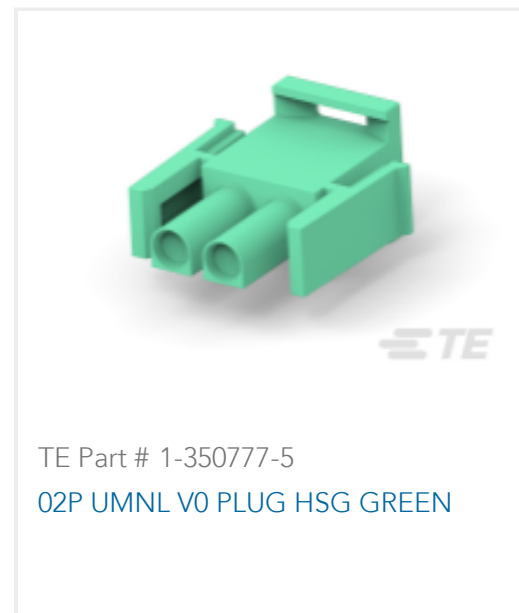
TE Part # 1-480708-2  
12P UMNL PLUG HSG RED



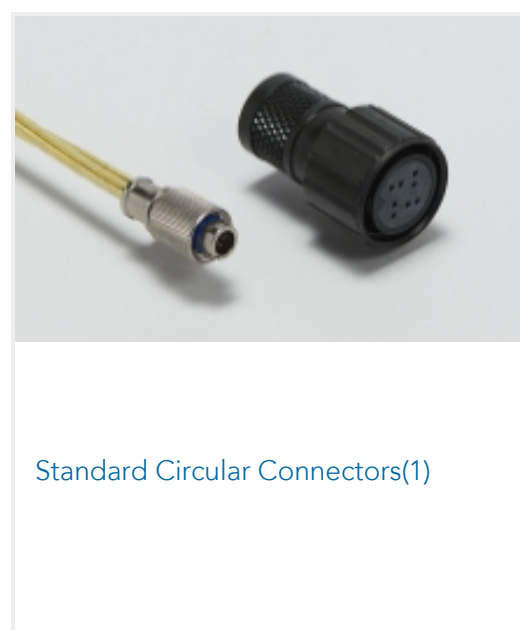
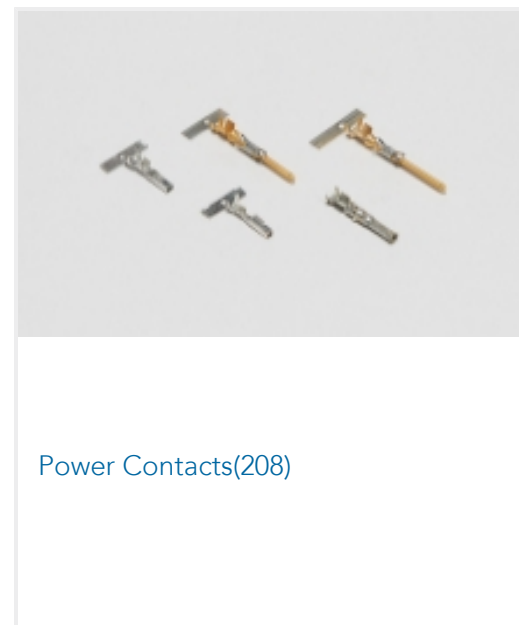
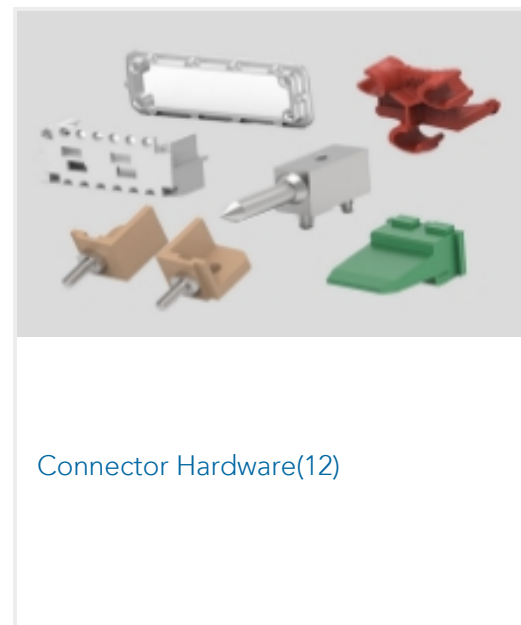
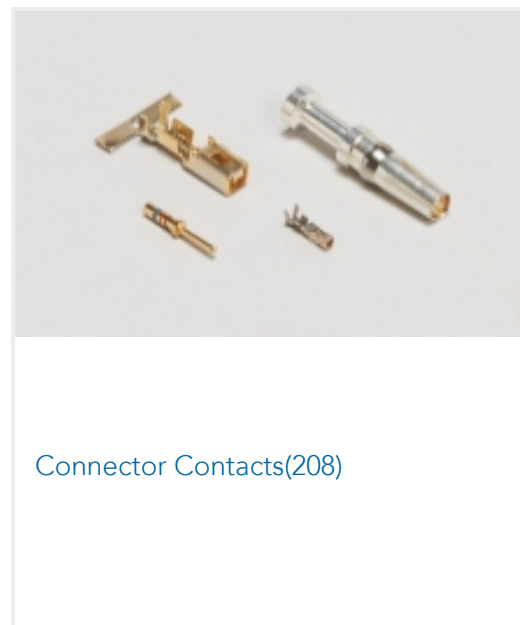
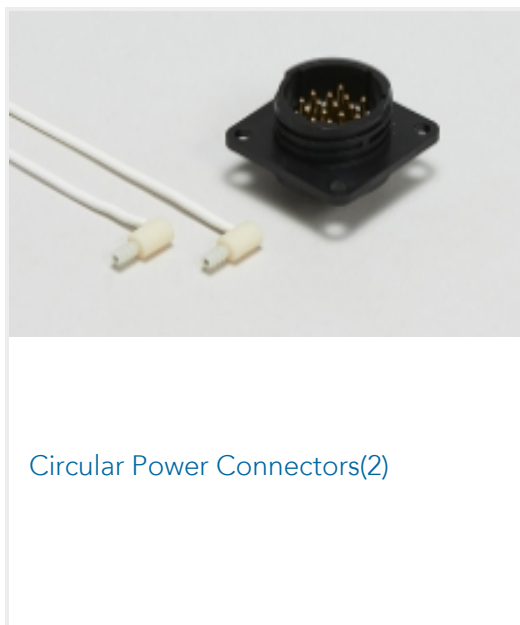
TE Part # 350783-1  
12P UMNL CAP HSG



TE Part # 2151019-2  
OCEAN\_2.0\_Applicator-S-070F100F-RSA



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



Customers Also Bought







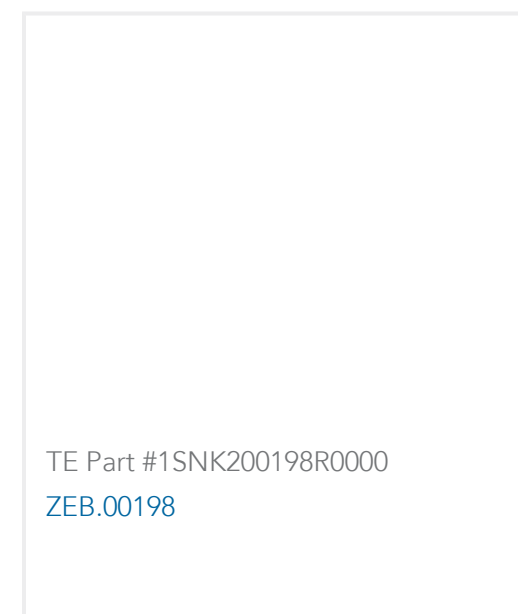
TE Part #6-87523-9  
MOD IV RECP LP LF



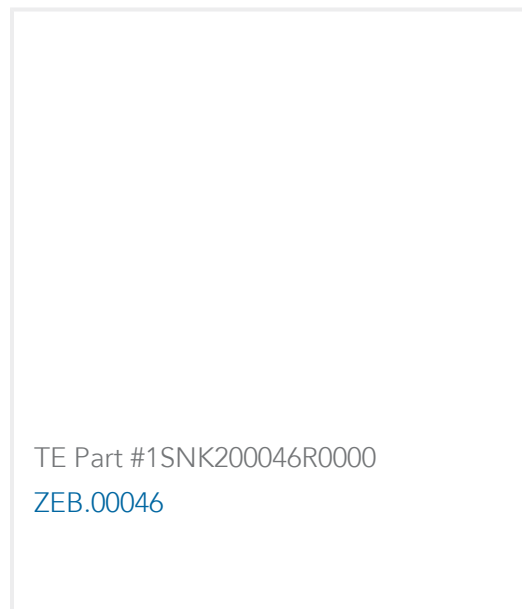
TE Part #350834-4  
06P UMNL HDR ASSY PC 94VO LF



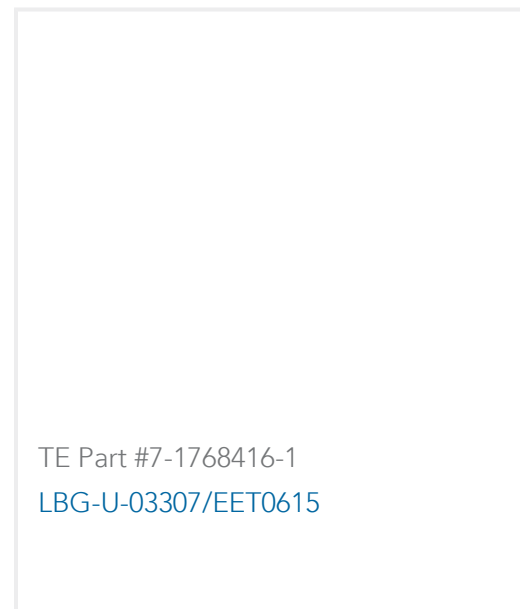
TE Part #3-640706-1  
SL 156 CONTACT LP



TE Part #1SNK200198R0000  
ZEB.00198



TE Part #1SNK200046R0000  
ZEB.00046



TE Part #7-1768416-1  
LBG-U-03307/EET0615

## Documents

### Product Drawings

[UMNL SOK 24-18 AUNIBR](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_350851-2\\_AL.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_350851-2\\_AL.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_350851-2\\_AL.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

### Agency Approvals

[UL](#)

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English