

350570-7 ✓ ACTIVE

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

TE Internal #: 350570-7

Socket Contact, Gold, 600 VAC, Locking Lance Contact Retention,  
24 – 18 AWG Wire Size, .2 – .82 mm<sup>2</sup> Wire Size, Crimp, Brass,  
Universal MATE-N-LOK

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

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

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	7500
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Packaging Method	Reel
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### Dimensions

Compatible Insulation Diameter Range	1.02 – 2.54 mm [.04 – .1 in]
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Wire Size	.2 – .82 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 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 Thickness	1.27 μm[50 μin]
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Nickel
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](https://www.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

TE Part # 91510-1  
CCII UNML UNML II PIN SKT 24-18 ASSY

TE Part # 90548-2  
PROCRIMPER DIE ASSY UNIV MNL

TE Part # 1804030-1  
EXTRACTION TOOL ASSY

TE Part # 455830-1  
INSERTION TOOL

TE Part # 1-480705-2  
06P UNML CAP HSG RED

TE Part # 1-480708-9  
12P UMNL PLUG HSG BLK

TE Part # 350784-1  
15P UMNL CAP HSG

TE Part # 926307-3  
6P UN-MNL AUFN-GEH

TE Part # 1-480704-2  
06P UMNL PLUG HSG RED

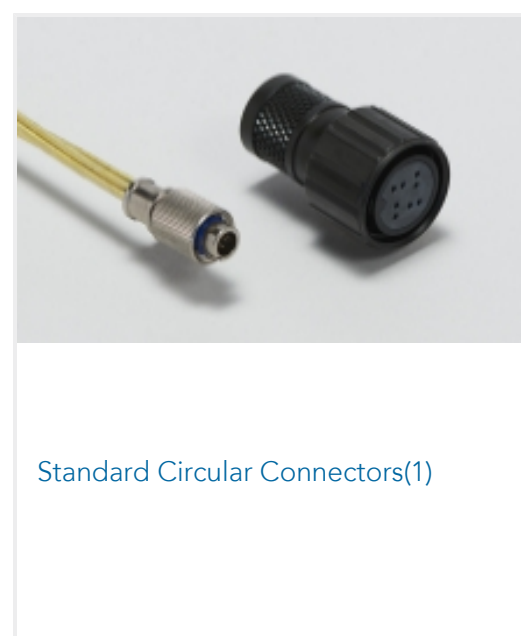
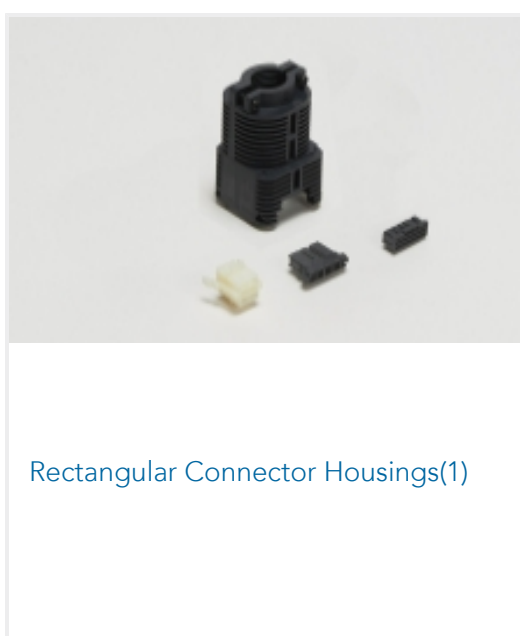
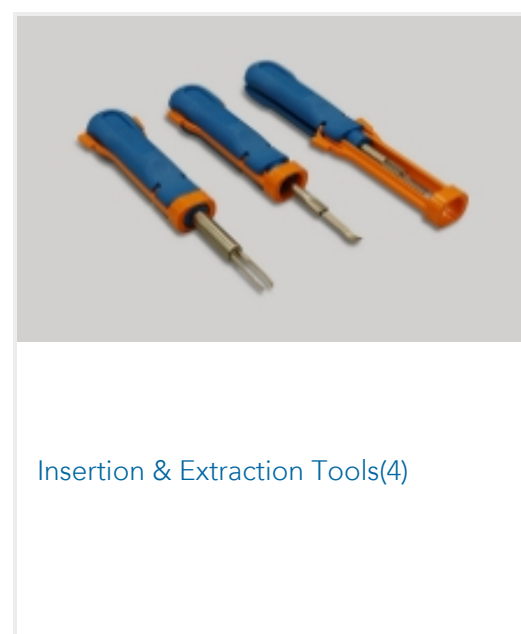
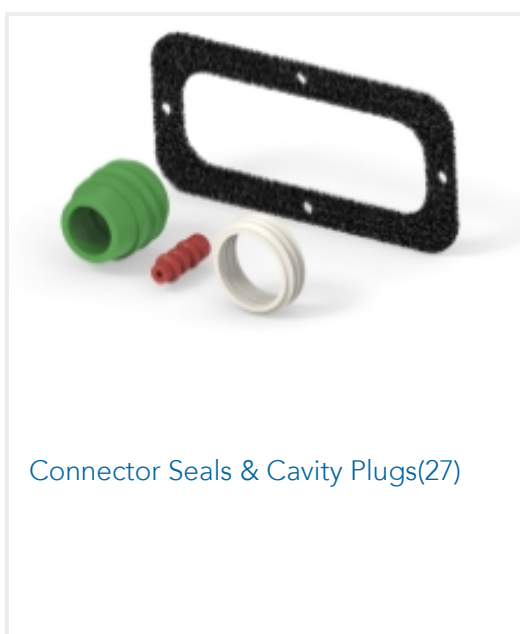
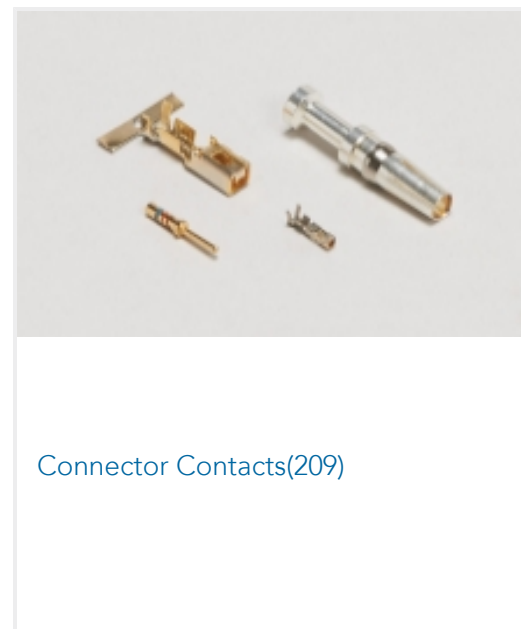
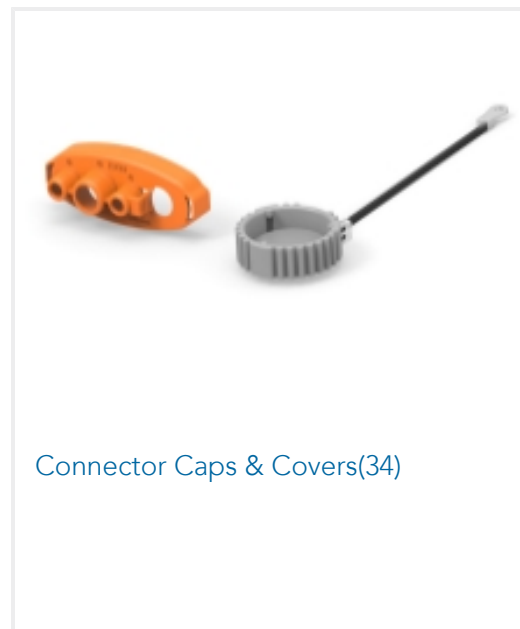
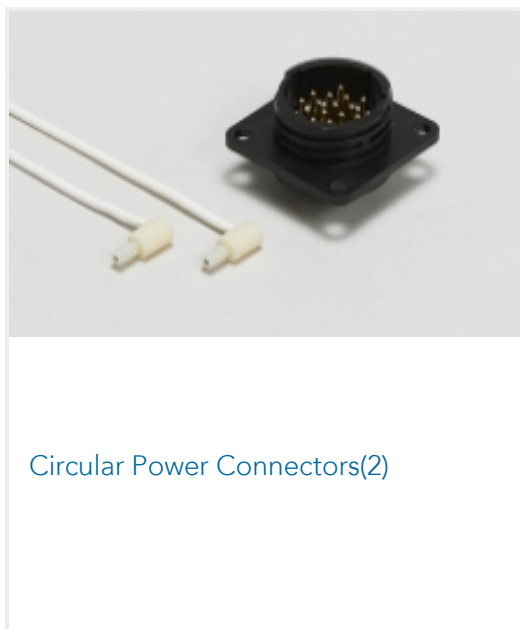
TE Part # 926302-1  
10& UNIV.M-N-L.PLUG

TE Part # 350783-1  
12P UMNL CAP HSG

TE Part # 1-350778-9  
02P UMNL V0 CAP HSG BLACK



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



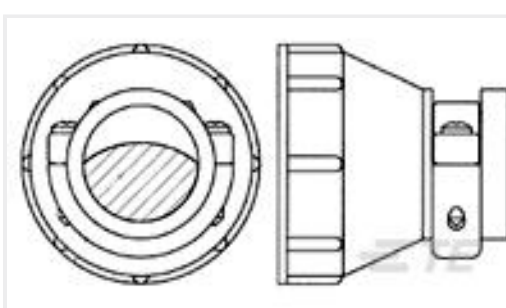
Customers Also Bought



TE Part #2-32562-3  
PIDG SPDFLG 22-16COMM22-18MIL8



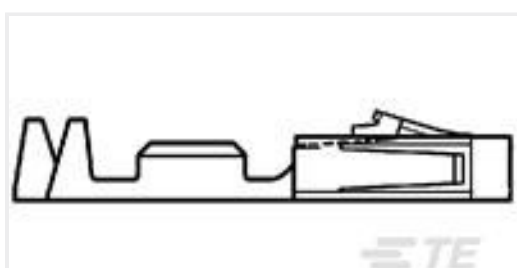
TE Part #TAD14741111-001  
M12D4-MS-MS-PVC TYPE B-0.5M



TE Part #208945-7  
SZ 22 UNASSM KIT,CMC



TE Part #41531-1  
250 FASTON FLAG REC 18-12 AWG  
NPST



TE Part #104479-8  
SHORT POINT CONT PLTD SN



TE Part #42404-1  
250 FASTON FLAG REC 18-12 AWG  
NPST



TE Part #208492-1  
PLUG ASSY,SZ 22,CMC



TE Part #4-643813-1  
11P MTA100 CONN ASSY POL RIB

## Documents

### Product Drawings

#### CAD Files

##### 3D PDF

3D

##### Customer View Model

[ENG\\_CVM\\_CVM\\_350570-7\\_AZ.2d\\_dxf.zip](#)

English

##### Customer View Model

[ENG\\_CVM\\_CVM\\_350570-7\\_AZ.3d\\_igs.zip](#)

English

##### Customer View Model

[ENG\\_CVM\\_CVM\\_350570-7\\_AZ.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

English