

66104-7 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 66104-7

Socket Contact, Tin-Lead, Locking Spring Contact Retention, Size 16 Contact Size, Discrete Wire, 24 – 20 AWG, .2 – .6 mm<sup>2</sup> Wire, Crimp, AMP Type III+

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin-Lead**

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

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Locking Spring**

## Features

### Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

### Product Type Features

Discrete Wire Type	Solid or Stranded
Sealable	No

### Dimensions

Compatible Insulation Diameter Range	1.02 – 2.03 mm [.04 – .08 in]
Wire Size	.2 – .6 mm <sup>2</sup>

### Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Locking Spring

### Contact Features

Contact Underplating Material	Nickel
-------------------------------	--------



Contact Orientation	Straight
Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Tin-Lead
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A

#### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
-----------------------------------	---------------

#### Termination Features

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

#### Usage Conditions

Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
-----------------------------	---------------------------

#### Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

#### Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Compliant with Exemptions

#### Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	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)

SVHC > Threshold:

Pb (13% in Component Part)

**Article Safe Usage Statements:**

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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 # 7-2151016-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-062F0900



TE Part # 91505-1  
CCII TYPE III+ 24-16 ASSY



TE Part # 58495-1  
PRO CRIMPER ASSY MULTIMATE



TE Part # 5-2151016-1  
OCEAN\_2.0\_APPLICATOR-S-062F0900-RSM



TE Part # 2151016-2  
OCEAN\_2.0\_APPLICATOR-S-062F0900A-RSA



TE Part # 539972-1  
EXTRACTION TOOL



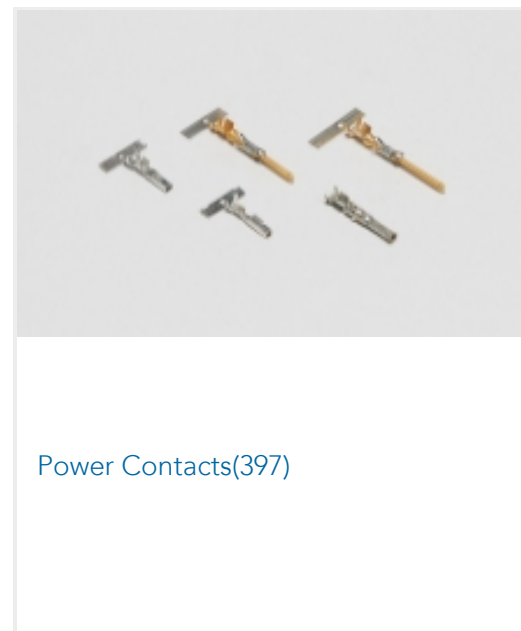
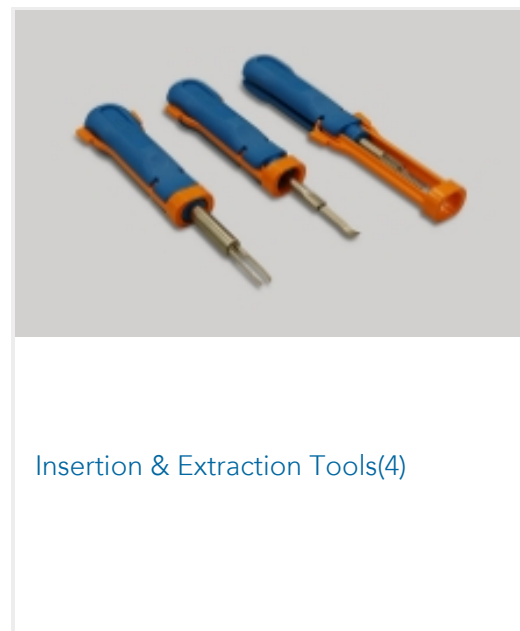
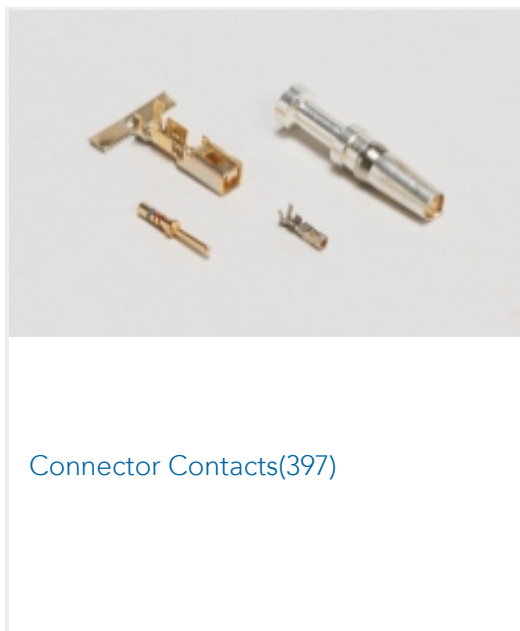
TE Part # 2305570-1  
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 2151016-1  
OCEAN\_2.0\_APPLICATOR-S-062F0900-RSM



Also in the Series | AMP Type III+



Customers Also Bought





## Documents

### Product Drawings

[III+ SKT,24-20,TIN-LEAD,STRIP](#)

English

---

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_66104-7\\_BT.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_66104-7\\_BT.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_66104-7\\_BT.3d\\_stp.zip](#)

English

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

---

### Product Specifications

[Application Specification](#)

English

---

### Instruction Sheets

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

Japanese

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

English