



AMP | AMP Type III+

TE Internal #: 1-66358-0

Socket Contact, Gold, Size 16 Contact Size, 18 – 14 AWG Wire Size, .8 – 2 mm<sup>2</sup> Wire Size, Crimp, Brass, Power & Signal, AMP Type III+

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts > Strip Pin and Socket Contacts, Type III



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

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

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

[All Strip Pin and Socket Contacts, Type III \(55\)](#)

## Features

### Contact Features

Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass



Contact Current Rating (Max) 13 A

**Termination Features**

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

**Mechanical Attachment**

Wire Insulation Support	With
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**Dimensions**

Compatible Insulation Diameter Range	2.03 – 2.54 mm [.08 – .1 in]
Wire Size	.8 – 2 mm <sup>2</sup>

**Usage Conditions**

Operating Temperature Range	-55 – 150 °C [-67 – 302 °F]
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**Operation/Application**

Circuit Application	Power & Signal
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**Packaging Features**

Packaging Quantity	4000
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: 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 # CAT-AM71-C83998C  
Circular Plastic Connector, CMC Series 1



TE Part # CAT-AM71-C83998Y  
One-Piece Connector, Sealed, CPC Series 1



TE Part # CAT-AM71-C83998J  
Cable/Panel Mount Connector, CPC Series 1



TE Part # CAT-AM71-C83998K  
Circular Connector, Environmentally Sealed, CPC Series 6



TE Part # 91519-1  
CCII TYPE III+ PIN SKT 18-14 ASSY



TE Part # 200893-2  
INSERTION TOOL CONT



TE Part # 539972-1  
EXTRACTION TOOL



TE Part # 305183  
EXTRACT TOOL TYPE 2 20-16



TE Part # 2151101-1  
OCEAN\_2.0\_APPLICATOR-S-090F1200-RSM



TE Part # 2151101-2  
OCEAN\_2.0\_APPLICATOR-S-090F1200-RSA



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



TE Part # 5-2151101-1  
OCEAN\_2.0\_APPLICATOR-S-090F1200-RSM



TE Part # 5-2151101-2  
OCEAN\_2.0\_APPLICATOR-S-090F1200-RSA



TE Part # 7-2151101-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-090F1200

Also in the Series | **AMP Type III+**



Connector Contacts(409)



Insertion & Extraction Tools(4)

## Customers Also Bought



TE Part #206705-4  
CPC RECEPT ASSEMBLY SIZE 13-9



TE Part #1-66359-0  
III+ PIN,18-14,30AU/FL,STRIP



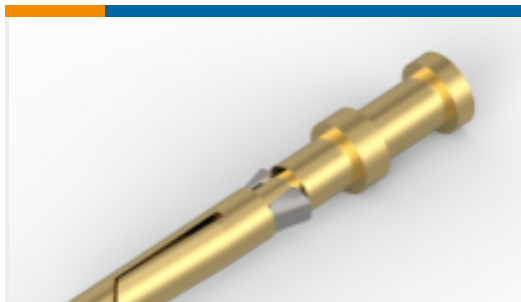
TE Part #1-770250-0  
UMNL II PIN SN/AUNI/BR LP20-14



MM PITC



TE Part #211769-2  
17-9 CPC RECEPT REV SEX



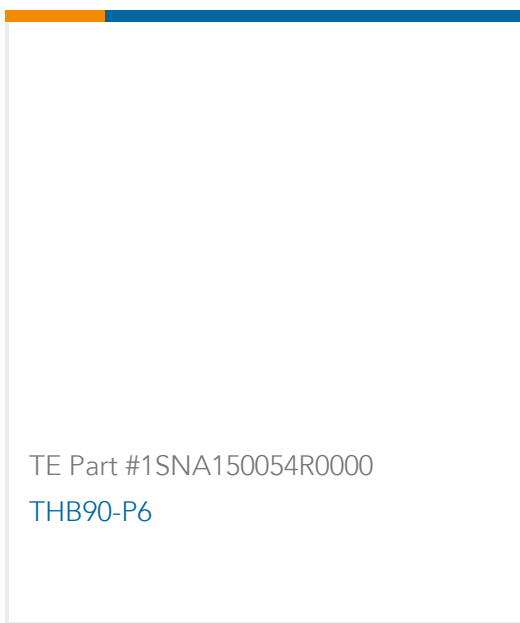
TE Part #T2020012002-000  
DDF-0.3



TE Part #175196-3  
DYNAMIC D-3 REC CONT/L AU 0.76



TE Part #ASA151N00410235000  
623 PLUG



TE Part #1SNA150054R0000  
THB90-P6

## Documents

### Product Drawings

III+ SKT,18-14,30AU/FL,STRIP

English

### CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-66358-0\_AR.2d\_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-66358-0\\_AR.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-66358-0\\_AR.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

[Signal Contacts](#)

English

[M\\_SERIES\\_PIN\\_AND\\_SOCKET\\_CONNECTORS](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Instruction Sheets

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

Japanese

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

English