

1-66360-1 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 1-66360-1

Socket Contact, Gold, Size 16 Contact Size, 18 – 14 AWG Wire Size,
.8 – 2 mm² Wire Size, Crimp, Brass, Power & Signal, AMP Type III+

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Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

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

Contact Size: **Size 16**

Wire Size: **18 – 14 AWG**

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	Bright
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 Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support With

Dimensions

Compatible Insulation Diameter Range 2.03 – 2.54 mm [.08 – .1 in]

Wire Size .8 – 2 mm²

Usage Conditions

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

Operation/Application

Circuit Application Power & Signal

Packaging Features

Packaging Quantity 100

Packaging Method Box, Loose Piece

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

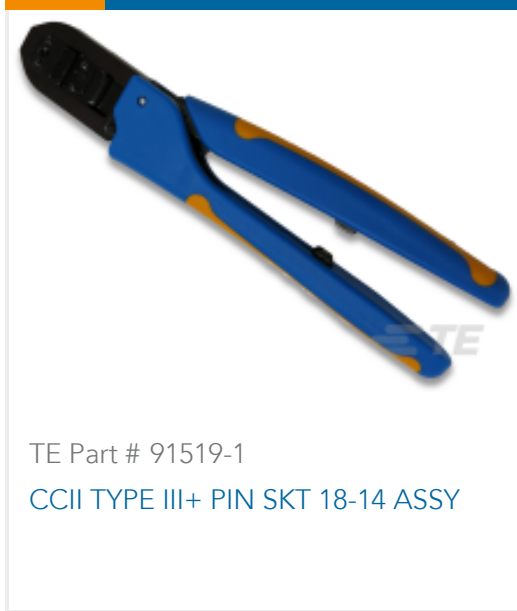
Solder Process Capability Not applicable for solder process capability

Product Compliance Disclaimer

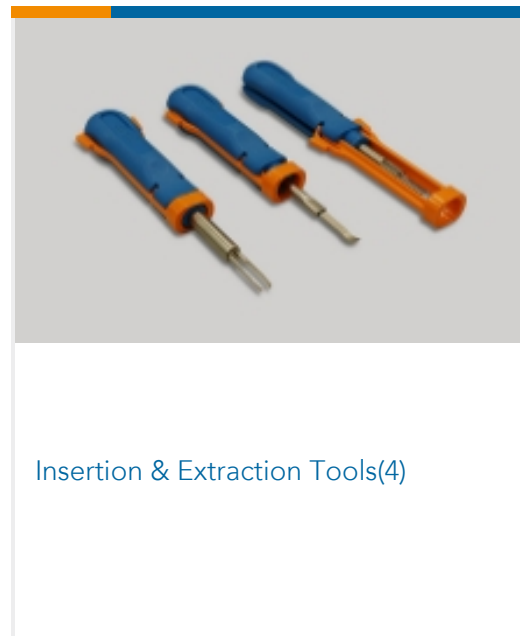
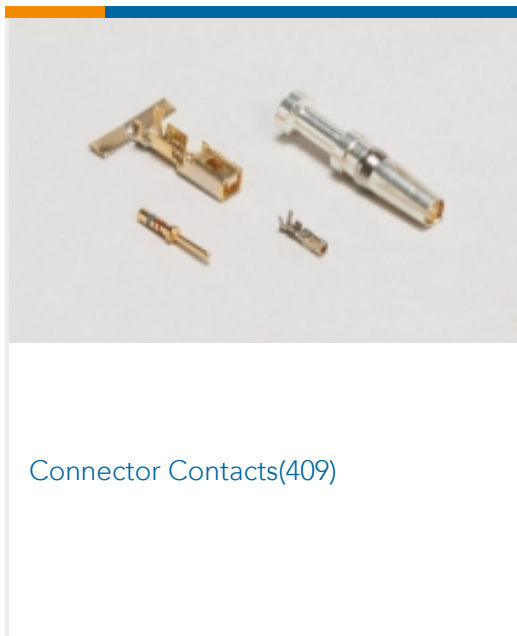
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Also in the Series | AMP Type III+



Customers Also Bought





Documents

Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-66360-1_AH.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66360-1_AH.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66360-1_AH.3d_stp.zip](#)

English

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

Product Specifications

Engineering Report

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English