1-66360-4 - ACTIVE

## AMP | AMP Type III+ TE Internal #: 1-66360-4 Power Contacts, Contact, Gold, 18 – 14 AWG Wire Size, .8 – 2 mm<sup>2</sup> Wire Size, Wire & Cable, Crimp, Power & Signal, Socket, AMP Type |||+

### View on TE.com >

Connectors > Power Connectors > Power Contacts > Pin and Socket Contacts, Type III, LP, High Current



Power Contact Type: Contact

Contact Mating Area Plating Material: Gold

Wire Size: .8 – 2 mm<sup>2</sup>

Connector & Contact Terminates To: Wire & Cable

### All Pin and Socket Contacts, Type III, LP, High Current (8)



### Features

### Product Type Features

Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable
Contact Features	
Contact Size	Size 16
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	25 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Copper Nickel Alloy
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	.12 – .2 μm[5 – 8 μin]

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



Wire Contact Termination Area Plating Material	Gold
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	.76 μm[30 μin]
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Wire Insulation Support	With
Dimensions	
Wire Size	.8 – 2 mm²
Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]
Usage Conditions	
Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
Operation/Application	
Circuit Application	Power & Signal
Packaging Features	
Packaging Quantity	1000
Packaging Method	Carton, Loose Piece
Other	
Power Connectors Comment	Overall insulation crimp diameter, including crimp barrel, must not exceed 3.18 [.125].
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC

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



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



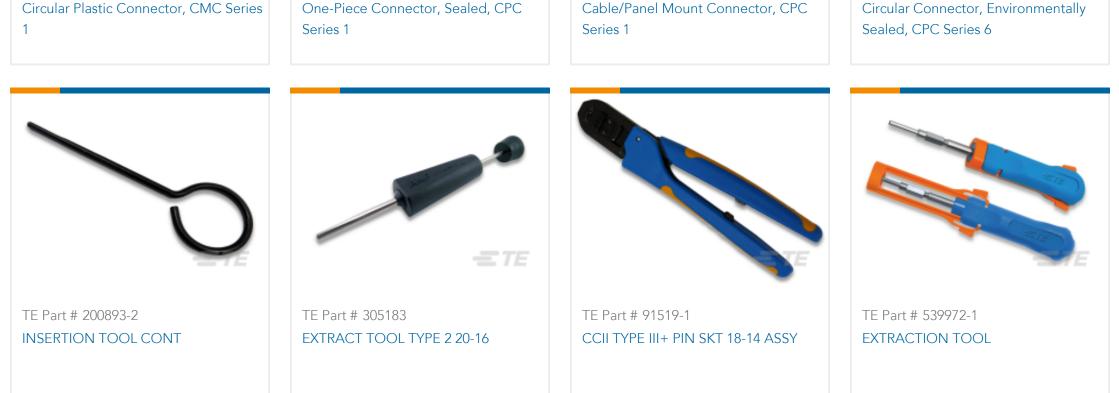
TE Part # CAT-AM71-C83998Y



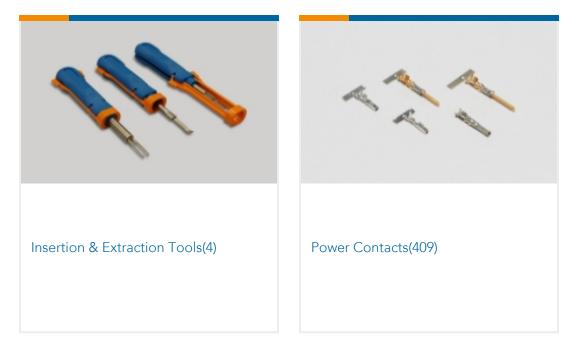
TE Part # CAT-AM71-C83998J



TE Part # CAT-AM71-C83998K



# Also in the Series | AMP Type III+



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



# Customers Also Bought





TE Part #7-1419135-2

PT581024

## Documents

Product Drawings III+ SKT,18-14,30AU/FL,LP

English

**CAD** Files

3D PDF

3D

Customer View Model ENG\_CVM\_CVM\_1-66360-4\_AH.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-66360-4\_AH.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-66360-4\_AH.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

**S** For support call+1 800 522 6752

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



### Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Signal Contacts

English

## Product Specifications

### Engineering Report

English

# Product Environmental Compliance Product Compliance

English

**Product Compliance** 

English