



AMP | AMP Type III+

TE Internal #: 66360-3

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

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts > TYPE III CONTACTS LP



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Precious Metal**

Wire Size: **.8 – 2 mm<sup>2</sup>**

Connector & Contact Terminates To: **Wire & Cable**

[All TYPE III CONTACTS LP \(53\)](#)

**Features**

**Product Type Features**

Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

**Electrical Characteristics**

Test Current	13 A
--------------	------

**Contact Features**

Contact Mating Area Plating Material	Precious Metal
Contact Current Rating (Max)	13 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm [.062 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.38 μm [.15 μin]
Contact Mating Area Plating Material Finish	Bright



Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material	Tin
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	.76 µm[30 µin]
Contact Size	16

### Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

### Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

### Dimensions

Wire Size	.8 – 2 mm <sup>2</sup>
Accepts Wire 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
---------------------	----------------

### Identification Marking

Color Code	Violet
------------	--------

### Packaging Features

Packaging Method	Carton, Loose Piece
Packaging Quantity	1000

### Other

Wire/Cable Type	Discrete Wire
For Use With	CPC Connectors, G Series Connectors, M Series Connectors
Comment	Insertion Tool No. 91002-1 (for Insulation Dia. 1.78 [.07] or less), No. 200893-2 (for Insulation Dia. .09 [2.29] max.) Extraction Tool No. 305183., 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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

 <p>TE Part # CAT-AM71-C83998C CMC SERIES 1</p>	 <p>TE Part # CAT-AM71-C83998Y CPC SERIES 1 SEALED ONE-PIECE</p>	 <p>TE Part # CAT-AM71-C83998J CPC SERIES 1</p>	 <p>TE Part # CAT-AM71-C83998K CPC SERIES 6</p>
--	--	--	--



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



TE Part # 200893-2  
INSERTION TOOL CONT

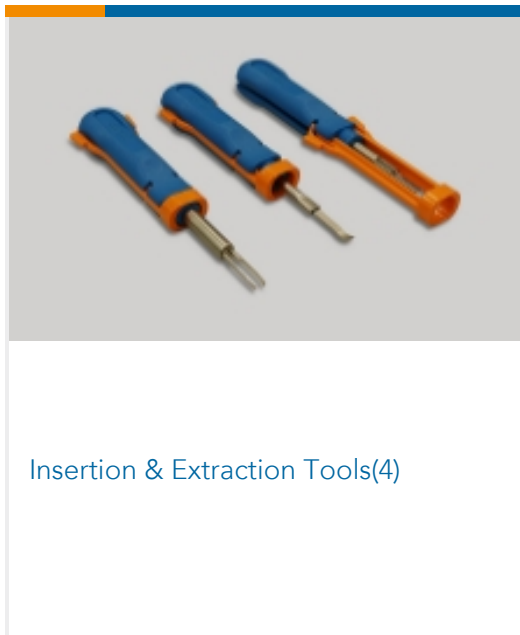


TE Part # 539972-1  
EXTRACTION TOOL

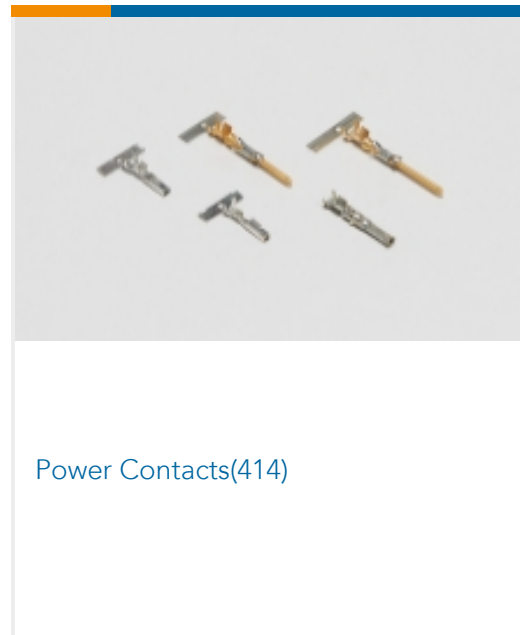


TE Part # 305183  
EXTRACT TOOL TYPE 2 20-16

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)



Power Contacts(414)

Customers Also Bought



TE Part #208721-1  
RECEPT ASSY,SZ 14,CMC



TE Part #206060-1  
CPC PLUG ASSEMBLY SIZE 11-4



TE Part #66399-3  
III+ SKT,24-20,15AU/FL,LP



TE Part #206430-1  
RECPT, SZ 11-4, CPC



TE Part #MLP-150  
LINEAR POT, MINI, 150MM RANGE



TE Part #2-1445052-4  
MICRO MNL HDR ASSY S/ROW LF



TE Part #2-662188-3  
ANVIL,COMBINATION .100



TE Part #6-854014-4  
ANVIL, COMB. (.062X.106)



TE Part #M3031-000005-010BG  
PRESS XDCR M3031-000005-010BG



## Documents

### Product Drawings

[III+ SKT,18-14,15AU/FL,LP](#)

English

---

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_66360-3\\_AH.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_66360-3\\_AH.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_66360-3\\_AH.3d\\_stp.zip](#)

English

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

---

### Datasheets & Catalog Pages

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

English

[Signal Contacts](#)

English

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

English

---

### Product Specifications

[Application Specification](#)

English

---

### Product Environmental Compliance

[MD\\_66360-3\\_04092014034\\_dmtec](#)

English

[MD\\_66360-3\\_04092014034\\_dmtec](#)

English

---

### Instruction Sheets

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

Japanese

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

English