

66564-8 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 66564-8

Power Contacts, Contact, Precious Metal, 24 – 20 AWG Wire Size, .2 – .6 mm<sup>2</sup> Wire Size, Wire & Cable, Crimp, Power & Signal, Pin, AMP Type III+

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts > TYPE III CONTACTS STRIP



Power Contact Type: **Contact**

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

Wire Size: **.2 – .6 mm<sup>2</sup>**

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

[All TYPE III CONTACTS STRIP \(55\)](#)

## Features

### Product Type Features

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

### Electrical Characteristics

Test Current	13 A
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### Contact Features

Contact Mating Area Plating Material	Precious Metal
Contact Current Rating (Max)	13 A
Contact Type	Pin
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
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	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]



Barrel Type	Open Barrel
Contact Size	16

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Wire Size	.2 – .6 mm <sup>2</sup>
Accepts Wire Insulation Diameter Range	1.52 – 3.05 mm [.06 – .12 in]

### 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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### Identification Marking

Color Code	Yellow
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

### Other

Wire/Cable Type	Discrete Wire
For Use With	CPC Connectors, G Series, M Series Connectors, Metrimate Drawer, Metrimate, Special M Series
Comment	Contacts can only be used in Metrimate, Series 1 (Arr. 23-24), Series 4 (Arr. 23-13M, 23-16M, 23-22M), and VDE connectors.

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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



TE Part # CAT-AM71-C83998C  
CMC SERIES 1



TE Part # CAT-AM71-C83998Y  
CPC SERIES 1 SEALED ONE-PIECE



TE Part # CAT-AM71-C83998J  
CPC SERIES 1



TE Part # CAT-AM71-C83998K  
CPC SERIES 6



TE Part # 91542-1  
CCII TYPE III+ PIN SKT 24-22 ASSY



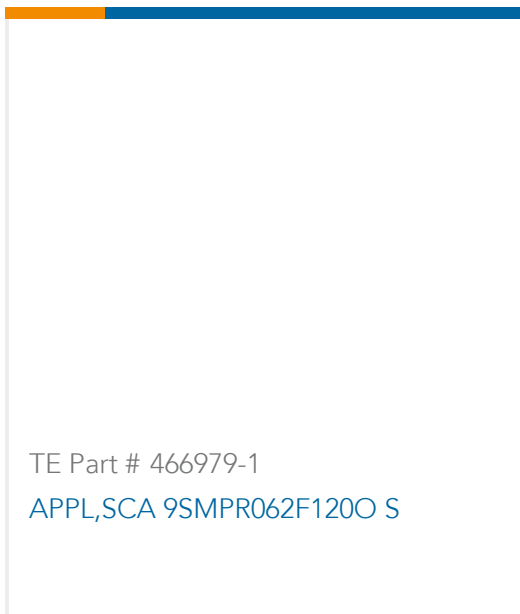
TE Part # 200893-2  
INSERTION TOOL CONT



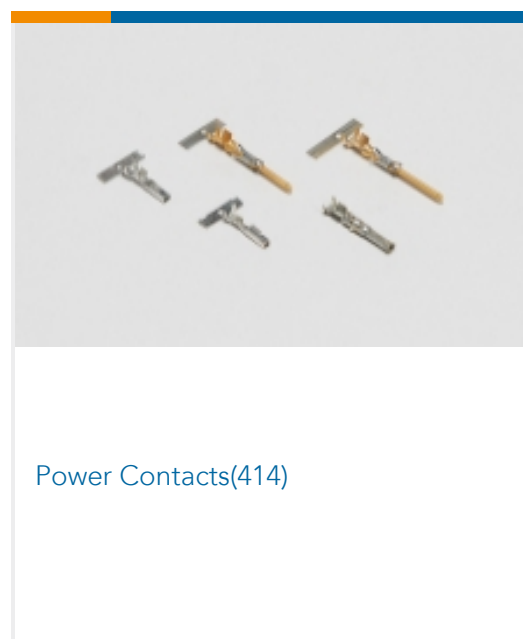
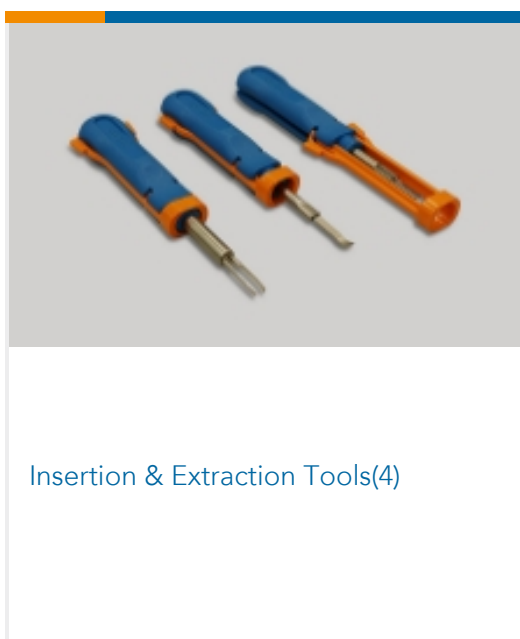
TE Part # 539972-1  
EXTRACTION TOOL



TE Part # 305183  
EXTRACT TOOL TYPE 2 20-16



Also in the Series | AMP Type III+



Customers Also Bought

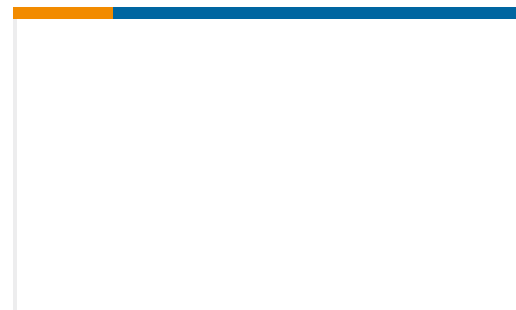




TE Part #4785230001  
TMS-SCE-1/4-2.0-S1-4



TE Part #5-103958-3  
5X4 MTE RCPT SR LATCH .100CL



TE Part #2267473-3  
SIZE 23 PERIPHERAL SEAL, CPC



TE Part #322257  
TERMINAL,SOLIS R 300-350MCM

## Documents

### Product Drawings

III+ PIN,24-20,30AU/FL,STRIP

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_66564-8\\_AC.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_66564-8\\_AC.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_66564-8\\_AC.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\\_66564-8\\_030120172217\\_dmtec](#)

English

[MD\\_66564-8\\_030120172217\\_dmtec](#)

English



**Instruction Sheets**

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

[Japanese](#)

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

[English](#)