



AMP | AMP Type III+

TE Internal #: 202237-5

Power Contacts, Contact, Tin, Wire & Cable, Solder Tab, Power & Signal, Socket, -55 – 90 °C [-67 – 194 °F], Brass, Bright, Tin, Bright, AMP Type III+

[View on TE.com >](#)

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



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Tin**

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

Termination Method to Wire & Cable: **Solder Tab**

Contact Current Rating (Max): **13 A**

[All Pin and Socket Contacts, Type III, LP \(53\)](#)

## 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	Tin
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	2.54 µm[100 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	2.54 µm[100 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	.76 µm[30 µin]

### Termination Features

Termination Method to Wire & Cable	Solder Tab
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### Mechanical Attachment

Wire Insulation Support	Without
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### Usage Conditions

Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Packaging Features

Packaging Quantity	1000
Packaging Method	Carton

### Other

Power Connectors Comment	These contacts can be used in MultiMate contact positions of all connector housings.
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## 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
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 # 202236-5  
 III+ PIN,SOLTAB,TIN,LP



TE Part # 200893-2  
 INSERTION TOOL CONT



TE Part # 305183  
 EXTRACT TOOL TYPE 2 20-16



TE Part # 539972-1  
 EXTRACTION TOOL

## Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)



Power Contacts(409)

## Customers Also Bought



TE Part #5102321-9  
A/L UNIV HDR 40P VERT LG LAT



TE Part #170203-2  
187 FASTON,REC.,24-20 AWG,TPBR



TE Part #520212-1  
187 FASTON HSG. REC 3P NATURAL



TE Part #1-794223-0  
MINI UMNL2 SCKT 20-16AWG 30AU



TE Part #1437597-1  
2SKF131AEL01=NON UL 110VAC



TE Part #6-1879417-9  
CPF0603 619K 0.1% 25PPM 1K RL



TE Part #1-2350398-0  
10 POS SPRING TB PLUG , PITCH 3.50



TE Part #3-2176374-6  
RQ 0805 249R 0.1% 10PPM 1K RL



TE Part #3-1437597-6  
SWK121F315=SW KEY LOCK KEY F-3

## Documents

### Product Drawings

III+ SOC,SOLTAB,TIN,LP

English

### CAD Files

3D PDF

English

Customer View Model

[ENG\\_CVM\\_202237-5\\_T.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_202237-5\\_T.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_202237-5\\_T.3d\\_stp.zip](#)

English

3D PDF

3D



### Customer View Model

[ENG\\_CVM\\_CVM\\_202237-5\\_W.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_202237-5\\_W.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_202237-5\\_W.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

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[TE Material Declaration](#)

English