



AMP | AMP Type III+

TE Internal #: 202237-7

Power Contacts, Contact, Gold, Wire & Cable, Solder Tab, Power & Signal, Socket, -55 – 150 °C [-67 – 302 °F], Brass, Bright, Tin, 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: **Gold**

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

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

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

[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
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### Contact Features

Contact Mating Area Plating Material	Gold
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	.76 µm [30 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]
Contact Size	16

### 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 – 150 °C[-67 – 302 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Packaging Features

Packaging Method	Carton
Packaging Quantity	1000

### Other

Wire/Cable Type	Discrete Wire
For Use With	CPC Connectors, M Series Connectors
Comment	Extraction Tool No. 305183

### 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

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 # 202236-7  
III+PIN,SOLTAB,30AU>10,LP,SN

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+**

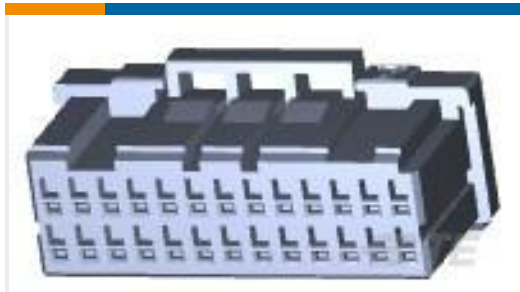


Insertion & Extraction Tools(4)



Power Contacts(414)

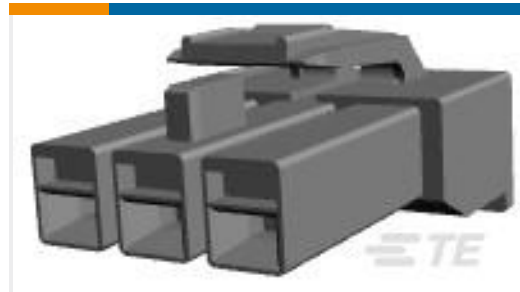
## Customers Also Bought



TE Part #1-1827863-3  
DYNAMIC 1100D REC HSG X 26P  
BLACK



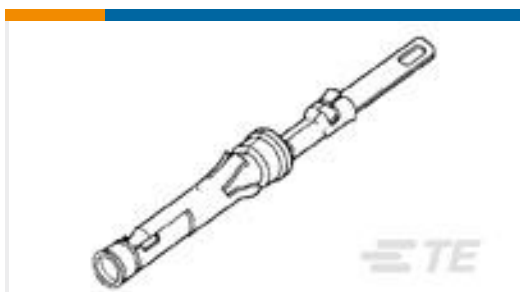
TE Part #9-1827864-3  
DYNAMIC 1200D REC HSG 6P X  
BLACK



TE Part #176272-1  
AMP UNIVERSAL POWER PLUG 3P



TE Part #175154-1  
UNIV POWER TAB CONT L/P



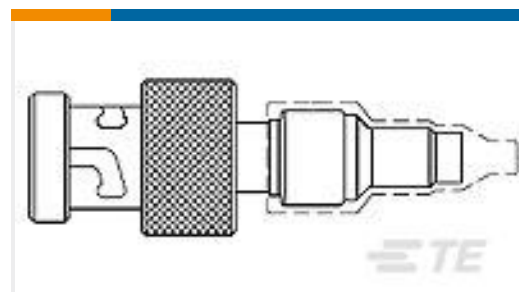
TE Part #202237-3  
III+ SKT,SOLTAB,30AU>10,SMPACK



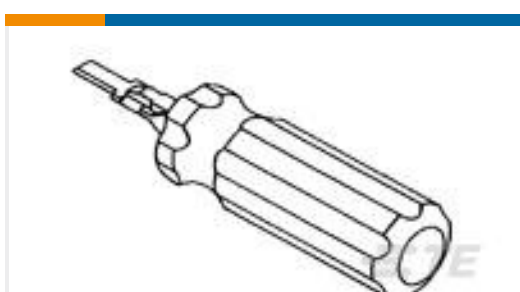
TE Part #1827571-2  
Contact: Component To Wire; 3-5A,  
30-18 wire size



TE Part #2201855-3  
MINI I/O PLUG KIT TYPE I LM MIX



TE Part #734989-000  
DK-621-0437-3S



TE Part #91073-1  
TW LF EXT TOOL

## Documents

### Product Drawings

III+SOC,SOLTAB,30AU>10,LP,SN

English

### CAD Files

3D PDF

English

### Customer View Model

ENG\_CVM\_202237-7\_T.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_202237-7\\_T.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_202237-7\\_T.3d\\_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_202237-7\\_W.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_202237-7\\_W.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_202237-7\\_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

[MD\\_202237-7\\_12112013730\\_dmtec](#)

English

[MD\\_202237-7\\_12112013730\\_dmtec](#)

English