1-66601-2 ACTIVE

AMP | AMP Type III+

TE Internal #: 1-66601-2

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

Socket

View on TE.com >



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



Power Contact Type: Contact

Contact Mating Area Plating Material: Tin

Wire Size: .8 – 2 mm²

Connector & Contact Terminates To: Wire & Cable

All TYPE III CONTACTS LP HIGH CURRENT (8)

Features

Product Type Features

Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable
Electrical Characteristics	
Test Current	25 A
Contact Features	
Contact Mating Area Plating Material	Tin
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	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]
Contact Size	16
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Wire Insulation Support	With
Dimensions	
Wire Size	$.8 - 2 \text{ mm}^2$
Accepts Wire Insulation Diameter Range	2.79 – 3.81 mm[.11 – .15 in]
Usage Conditions	
Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
Operation/Application	
Circuit Application	Power & Signal
Packaging Features	
Packaging Method	Carton, Loose Piece
Packaging Quantity	1000
Other	
Wire/Cable Type	Discrete Wire
For Use With	CPC Connectors, VDE Connectors
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>

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: JAN 2022 (223) Candidate List Declared Against: JUL 2021 (219) 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-onreach

Compatible Parts



TE Part # CAT-AM71-C83998C



TE Part # CAT-AM71-C83998J



TE Part # CAT-AM71-C83998K



TE Part # CAT-AM71-C83998Y



INSERTION TOOL CONT



CCII TYPE III+ PIN SKT 18-14 ASSY

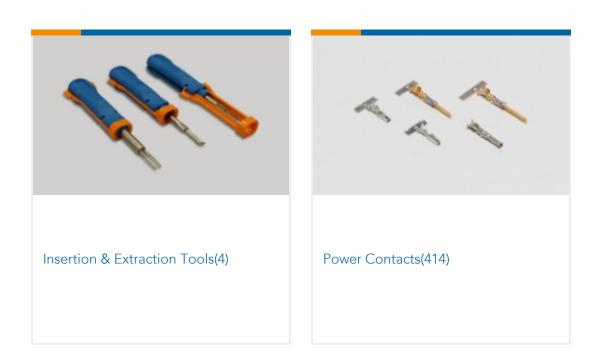






Also in the Series | AMP Type III+





Customers Also Bought













Documents

Product Drawings

III+ SKT,18-14,TIN,LP

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-66601-2_N.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66601-2_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66601-2_N.3d_stp.zip

English

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

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



Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Signal Contacts

English

Product Specifications

Application Specification

English