

AMP | AMP Type III+

TE Internal #: 66601-9

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

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











Power Contact Type: Contact

Contact Mating Area Plating Material: Tin

Wire Size: .8 – 2 mm²

Connector & Contact Terminates To: Wire & Cable

All Pin and Socket Contacts, Type III, LP (53)

Features

Product Type Features

Contact
Wire & Cable
13 A
Tin
13 A
Socket
With
1.57 mm[.062 in]
Brass
2.54 μm[100 μin]
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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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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





Series 1







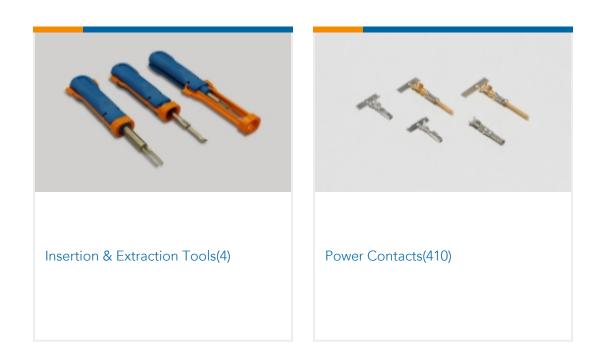






Also in the Series | AMP Type III+





Documents

Product Drawings

III+ SKT,18-14,TIN,LP

English

CAD Files

Customer View Model

ENG_CVM_CVM_66601-9_N.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66601-9_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66601-9_N.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

TE Material Declaration

English