66460-9 ✔ ACTIVE

AMP | AMP Type III+

TE Internal #: 66460-9

Power Contacts, Contact, Gold, 32 AWG Wire Size, .03 mm² Wire Size, Wire & Cable, Wire Wrap, Power & Signal, Pin, AMP Type III+

View on TE.com >

Connectors > Power Connectors > Power Contacts

Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.03 mm²**

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

Features

Product Type Features

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

Electrical Characteristics

Test Current	13 A

Contact Features

Contact Shape & Form	Square
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	13 A
Contact Type	Pin
Mating Pin Diameter	1.6 mm[.063 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material	Tin-Lead
Wire Contact Termination Area Plating Material Finish	Matte

Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Size	16

Termination Features

Wire Wraps per Post	3
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to Wire & Cable	Wire Wrap

Mechanical Attachment

Wire Insulation Support	Without

Dimensions

Wire Size	.03 mm²

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Method	Carton
Packaging Quantity	1000

Other

Wire/Cable Type	Discrete Wire
For Use With	M Series Connectors

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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) SVHC > Threshold: Pb (13% in Component Part)

	Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 539972-1
EXTRACTION TOOL

TE Part # 66460-7
PIN,.062 DIA,.025 SQ POST,LP

TE Part # 1-66460-0
PIN,.062 DIA,.025 SQ POST,LP

TE Part # 66460-8
PIN,.062 DIA,.025 SQ POST,LP

Also in the Series | AMP Type III+

Insertion & Extraction Tools(4)

Power Contacts(410)

Documents

Product Drawings

PIN,.062 DIA,.025 SQ POST,LP

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_66460-9_AR1.3d_stp.zip

English

Customer View Model

ENG_CVM_66460-9_AR1.3d_igs.zip

English

Customer View Model

ENG_CVM_66460-9_AR1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66460-9_BK.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_66460-9_BK.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66460-9_BK.3d_stp.zip

English

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Datasheets & Catalog Pages

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Autowire Contacts and Connectors

English