

66460-1 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 66460-1

Power Contacts, Contact, Tin-Lead, 32 AWG Wire Size, .03 mm<sup>2</sup>

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: **Tin-Lead**

Wire Size: **.03 mm<sup>2</sup>**

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
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### Contact Features

Contact Shape & Form	Square
Contact Mating Area Plating Material	Tin-Lead
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	2.54 μm[100 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	Bright



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	1
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to Wire & Cable	Wire Wrap

### Mechanical Attachment

Wire Insulation Support	Without
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### Dimensions

Wire Size	.03 mm <sup>2</sup>
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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 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: JAN 2021 (211) SVHC > Threshold:

Pb (.11% in component)

**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

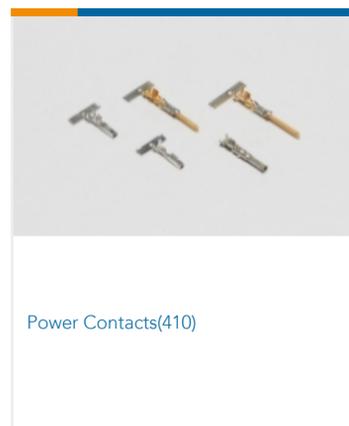
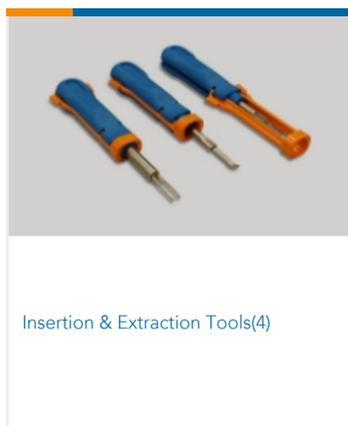
Not Yet Reviewed for halogen content

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****Also in the Series | AMP Type III+****Documents****Product Drawings**

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

English

**CAD Files**

**3D PDF**

English

**Customer View Model**[ENG\\_CVM\\_66460-1\\_AR1.3d\\_stp.zip](#)

English

**Customer View Model**[ENG\\_CVM\\_66460-1\\_AR1.3d\\_igs.zip](#)

English

**Customer View Model**[ENG\\_CVM\\_66460-1\\_AR1.2d\\_dxf.zip](#)

English

**3D PDF**

3D

**Customer View Model**[ENG\\_CVM\\_CVM\\_66460-1\\_BK.2d\\_dxf.zip](#)

English

**Customer View Model**[ENG\\_CVM\\_CVM\\_66460-1\\_BK.3d\\_igs.zip](#)

English

**Customer View Model**[ENG\\_CVM\\_CVM\\_66460-1\\_BK.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

**Instruction Sheets****Instruction Sheet (U.S.)**

English

**Autowire Contacts and Connectors**

English