

### AMP | AMP Type III+

TE Internal #: 66102-2

Power Contacts, Contact, Tin, 24 – 20 AWG Wire Size, .2 – .6 mm<sup>2</sup> Wire Size, Wire & Cable, Crimp, 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

Wire Size: .2 – .6 mm<sup>2</sup>

Connector & Contact Terminates To: Wire & Cable

### **Features**

### **Product Type Features**

Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable
Contact Features	
Contact Size	Size 16
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	13 A
Contact Type	Pin
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 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]
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Wire Insulation Support	With
Dimensions	
Wire Size	.2 – .6 mm²
Compatible Insulation Diameter Range	1.02 – 2.03 mm[.04 – .08 in]
Usage Conditions	
Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
Operation/Application	
Circuit Application	Power & Signal
Packaging Features	
Packaging Quantity	4000
Packaging Method	Reel
Other	
Power Connectors Comment	Overall insulation crimp diameter, including crimp barrel, must not exceed 3.18 [.125].

# **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	Compliant with Exemptions
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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





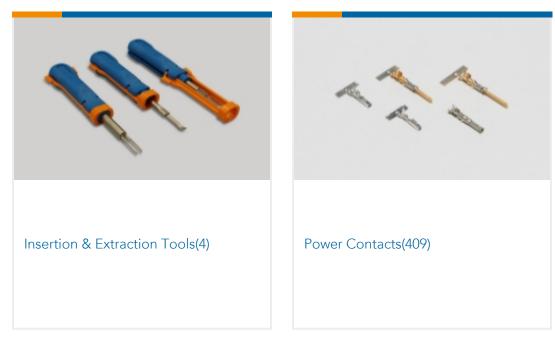








# Also in the Series | AMP Type III+



# **Customers Also Bought**





















### **Documents**

### **Product Drawings**

III+ PIN,24-20,TIN-LEAD,STRIP

English

### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_66102-2\_BB.2d\_dxf.zip

English

#### 3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_66102-2\_BB.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_66102-2\_BB.3d\_stp.zip

English

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

### **Product Specifications**

Power Contacts, Contact, Tin, 24 – 20 AWG Wire Size, .2 – .6 mm² Wire Size, Wire & Cable, Crimp, Power & Signal, Pin, AMP Type III+



### **Application Specification**

English

**Instruction Sheets** 

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English