



AMP | AMP Type III+

TE Internal #: 5-66461-5

Gold (Au), Socket Contact, 32 AWG, .03 mm<sup>2</sup> Wire, Locking Lance Contact Retention, Size 16, Wire Wrap, Brass, Power & Signal, AMP Type III+

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

Wire Contact Termination Area Plating Material: **Tin**

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Locking Lance**

**Features**

**Contact Features**

Contact Shape & Form	Square
Contact Length	29.13 mm[1.147 in]
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A
Mating Pin Diameter	1.57 mm[.062 in]
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 Finish	Matte



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

#### Termination Features

Termination Method to Wire & Cable	Wire Wrap
Product Terminates To	Wire & Cable

#### Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	Without

#### Dimensions

Wire Size	.03 mm <sup>2</sup>
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#### Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
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#### Operation/Application

Circuit Application	Power & Signal
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#### Packaging Features

Packaging Quantity	1000
Packaging Method	Package & Box

### 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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

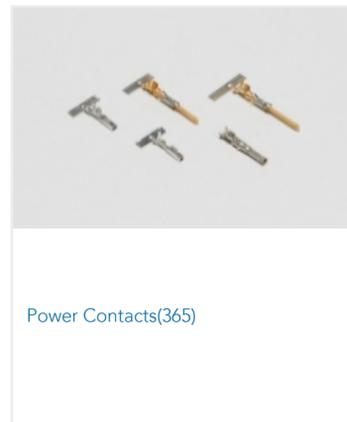
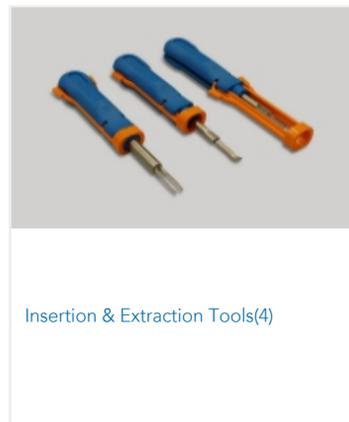
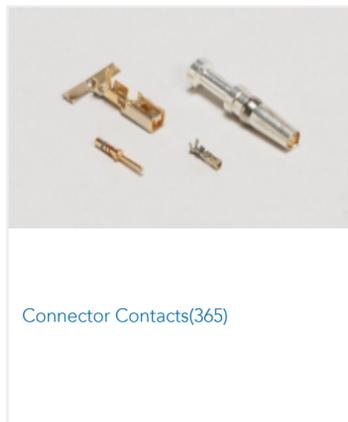
Product Compliance Disclaimer

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

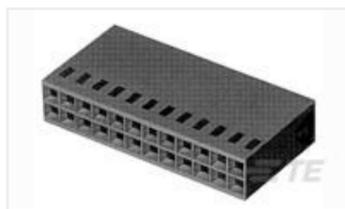


### Also in the Series | AMP Type III+

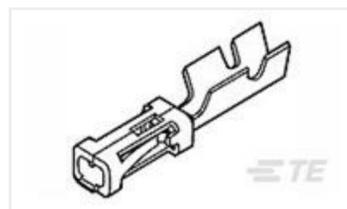


### Customers Also Bought





TE Part #1-87456-2  
16 MODIV HSG DR MRKD .100CL



TE Part #102548-5  
MOD IV RECP PLTD 30 SEL



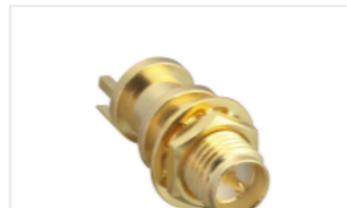
TE Part #211773-1  
23-19 CPC RECEPT REV SEX



TE Part #3-640430-2  
02P MTA156 CONN ASSY 26AWG BLU



TE Part #1-1393238-5  
RTB14012



TE Part #L9000256-01  
RP-SMA Jack 50 Ohm .062 PCB Edge Mount

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5-66461-5\\_BV.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5-66461-5\\_BV.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5-66461-5\\_BV.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

#### Signal Contacts

English

### Instruction Sheets

#### Instruction Sheet (U.S.)

English

#### Autowire Contacts and Connectors

English