

66361-1 ✓ ACTIVE

AMP | AMP Type III+, Circular Plastic Connectors Series 1

TE Internal #: 66361-1

Precious Metal, Pin Contact, 18 – 14 AWG, .8 – 2 mm<sup>2</sup> Wire, Size 16, Crimp, Brass, Power & Signal, -55 – 150 °C [-67 – 302 °F], AMP Type III+

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Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Precious Metal**

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

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

## Features

### Contact Features

Contact Type	Pin
Contact Mating Area Plating Material	Precious Metal
Wire Contact Termination Area Plating Material	Gold
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]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	.25 µm[10 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel



Contact Underplating Material Thickness	1.27 µm[50 µin]
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### Termination Features

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

### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Wire Size	.8 – 2 mm <sup>2</sup>
Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]

### 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	Carton

## 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 applicable for solder process capability

#### Product Compliance Disclaimer

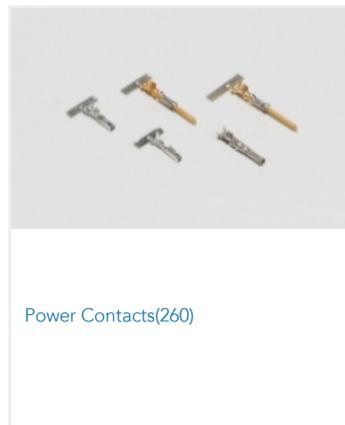
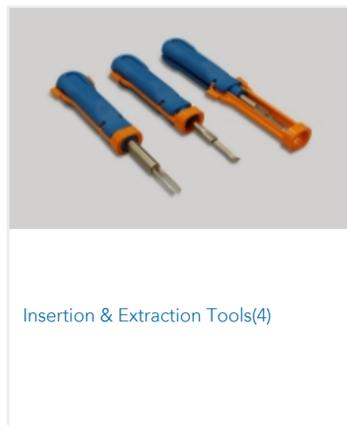
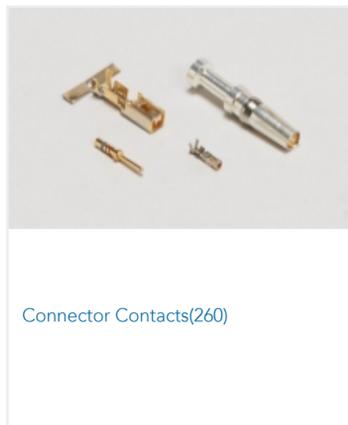
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as

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>

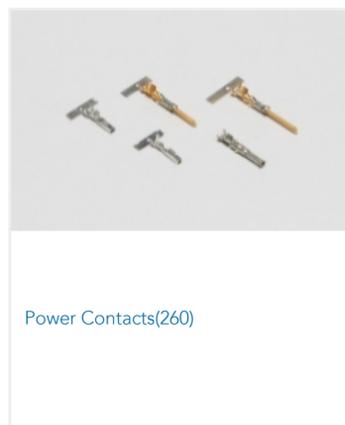
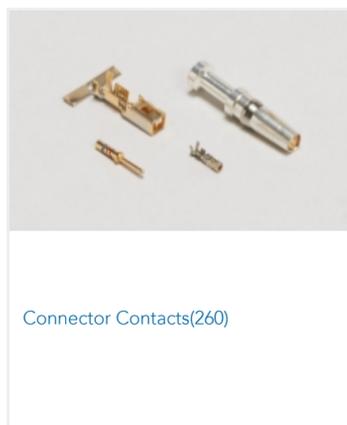
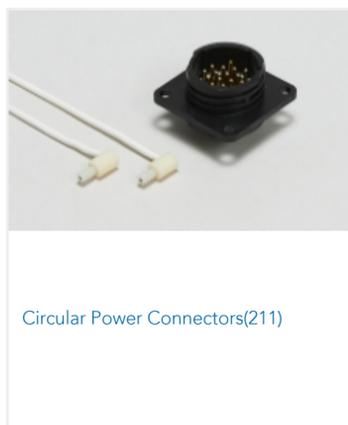
## Compatible Parts



## Also in the Series | AMP Type III+



## Also in the Series | Circular Plastic Connectors Series 1



## Customers Also Bought



TE Part #2614443005  
44M9976-16-9



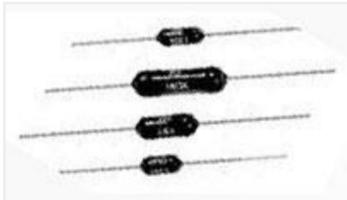
TE Part #182649-1  
17-14 CPC PLUG RS



TE Part #200333-1  
CONTACT SOC. ASSY.



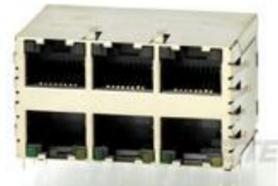
TE Part #201570-1  
CONTACT PIN ASSY.



TE Part #6-1879663-5  
H8 499R 0.1% 15PPM



TE Part #2071556-2  
OJS-SS-124HEF,00000



TE Part #5569261-1  
STK MJ ASSY,8POS,2X3,SHLD,CAT5



TE Part #3-6437592-9  
AWTP1504



TE Part #K1122719  
Micro Switch PS1 031 304 new



TE Part #828859-1  
CPC KABELKLEMME

## Documents

### Product Drawings

III+ PIN,18-14,30AU>10,LP

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_66361-1\\_G.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_66361-1\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_66361-1\\_G.3d\\_stp.zip](#)

English

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## Product Specifications



### Application Specification

English

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### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

Japanese

[Instruction Sheet \(U.S.\)](#)

English