



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

TE Internal #: 1-66359-0

Precious Metal, Pin Contact, 18 – 14 AWG, .8 – 2 mm<sup>2</sup> Wire, Spring Contact Retention, Size 16, Discrete Wire, Crimp, Brass, AMP Type III+

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

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

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

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Spring**

**Features**

**Product Type Features**

Discrete Wire Type	Solid or Stranded
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Sealable	No
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**Configuration Features**

Compatible With Wire & Cable Type	Discrete Wire
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**Contact Features**

Barrel Type	Open
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Contact Type	Pin
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Contact Mating Area Plating Material	Precious Metal
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Wire Contact Termination Area Plating Material	Tin
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Contact Retention Within Housing	With
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Contact Size	Size 16
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Contact Base Material	Brass
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Contact Current Rating (Max)	13 A
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Mating Pin Diameter	1.57 mm[.062 in]
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Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
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Wire Contact Termination Area Plating Thickness	1.27 μm[50 μin]
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Wire Contact Termination Area Plating Material Finish	Matte
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Contact Orientation	Straight
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Contact Underplating Material	Nickel
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Contact Underplating Material Thickness	1.27 μm[50 μin]
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### Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire & Cable
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### Mechanical Attachment

Contact Retention Type Within Housing	Spring
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Wire Insulation Support	With
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### Dimensions

Wire Size	.8 – 2 mm <sup>2</sup>
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Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]
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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	4000
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Packaging Method	Reel, Reverse Reel
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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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
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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
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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



TE Part # 211772-1  
CPC PLUG ASSEMBLY SIZE 23-19



TE Part # 213852-1  
CPC PLUG ASSEMBLY SIZE 23-19



TE Part # 206305-1  
CPC PLUG ASSEMBLY SIZE 23-37



TE Part # 211766-1  
CPC PLUG ASSEMBLY SIZE 17-9



TE Part # 2151101-1  
OCEAN\_2.0\_APPLICATOR-S-090F1200-RSM



TE Part # 208470-3  
CMC PLUG ASSEMBLY,SZ 28



TE Part # 208714-2  
CMC PLUG ASSEMBLY,SZ 14-7



TE Part # 208488-3  
CMC PLUG ASSEMBLY,SZ 22



TE Part # 305183  
EXTRACT TOOL TYPE 2 20-16



TE Part # 1977887-1  
PLUG.ASSY,23-37STD SEX THRD AD, UV RESIS



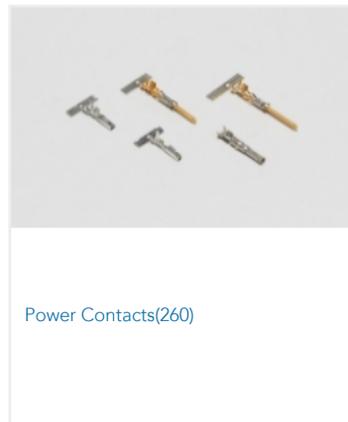
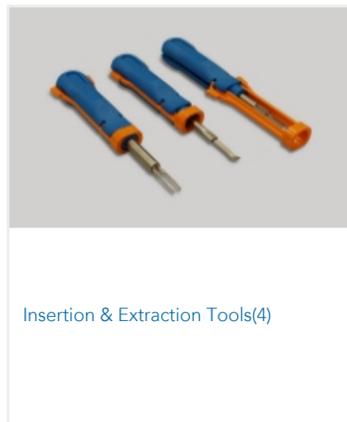
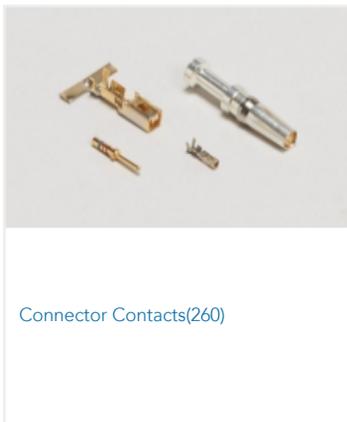
TE Part # 788153-2  
SLD CPC PLUG ASSY,11-4,REV SEX



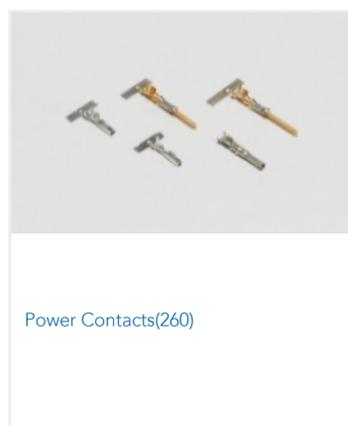
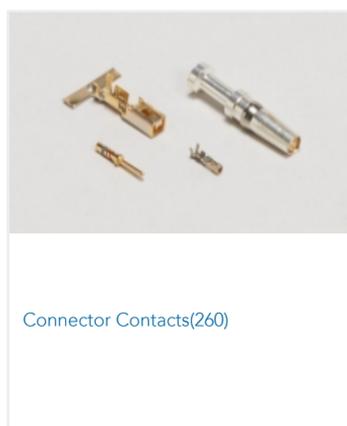
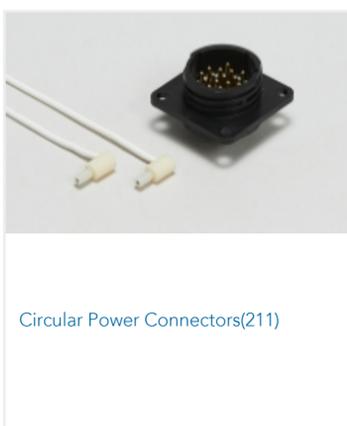
TE Part # 7-2151101-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-090F1200



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



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



Customers Also Bought



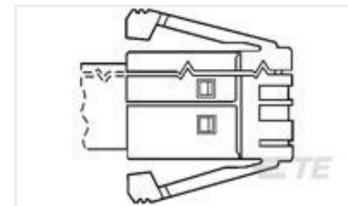
TE Part #1-177662-2  
D3100 HDR,5POS SINGLE ROW SMT  
H PdNi



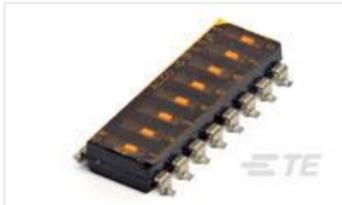
TE Part #5-445007-1  
PLUG ASSY,25 POSN,AMPLIMITE



TE Part #1-1614354-0  
RN 0603 511R 0.1% 10PPM CUT  
LENGTH



TE Part #1-1761184-3  
8 SDL FLAT PLUG ASSY



TE Part #1825006-8  
GDS04STR04=DIP SW,SLIDE,SMT,TR



TE Part #1927688-3  
ASSY, 1X6, GET RA HDR, KEY C



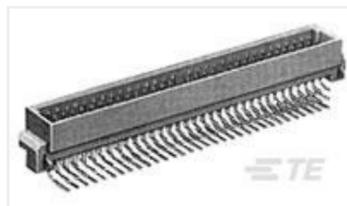
TE Part #2098835-1  
20P HYBRID HEADER ASSEMBLY KEY



TE Part #1-2176092-4  
RP 2A 0.25W 909R 0.1% 25PPM 1K RL



TE Part #2301997-2  
RJ45 JACK INT.MAG. 10/100 2X1



TE Part #5650907-5  
ASSY, PIN, EUROCARD, TYPE C, LEAD-  
FREE, 150 P

## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-66359-0\\_AG.2d\\_dxf.zip](#)

English

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-66359-0\\_AG.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-66359-0\\_AG.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

#### AMP Circular Connectors for Commercial Signal & Power Applications

English

### Signal Contacts

English



## M\_SERIES\_PIN\_AND\_SOCKET\_CONNECTORS

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