



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

TE Internal #: 1-66109-7

Tin (Sn), Socket Contact, 26 – 24 AWG, .12 – .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: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

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
Sealable	No

**Configuration Features**

Compatible With Wire & Cable Type	Discrete Wire
-----------------------------------	---------------

**Contact Features**

Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
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	1.27 µm[50 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	.76 µm[30 µin]

### Termination Features

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

### Mechanical Attachment

Contact Retention Type Within Housing	Spring
Wire Insulation Support	With

### Dimensions

Wire Size	.12 – .2 mm <sup>2</sup>
Compatible Insulation Diameter Range	.89 – 1.4 mm[.035 – .055 in]

### Usage Conditions

Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
-----------------------------	---------------------------

### Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

### Industry Standards

Compatible With Agency/Standards Products	CSA, UL
---	---------

### Packaging Features

Packaging Quantity	1000
Packaging Method	Carton, Loose Piece

### 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

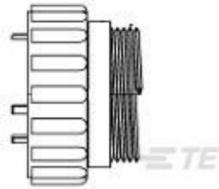
Solder Process Capability

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



TE Part # 206516-1  
CPC PLUG ASSEMBLY SIZE 11-4



TE Part # 213853-1  
CPC PLUG ASSEMBLY SIZE 23-19



TE Part # 213849-1  
CPC PLUG ASSEMBLY SIZE 17-16



TE Part # 208716-1  
CMC PLUG ASSEMBLY, SZ 14



TE Part # 208718-2  
CMC PLUG ASSEMBLY, SZ 14-5



TE Part # 200893-2  
INSERTION TOOL CONT



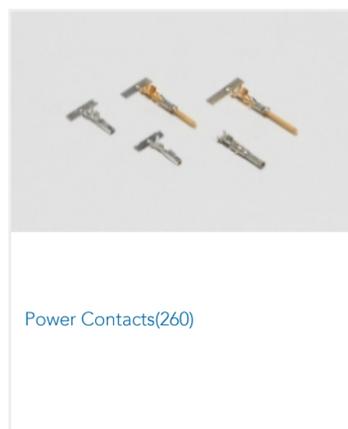
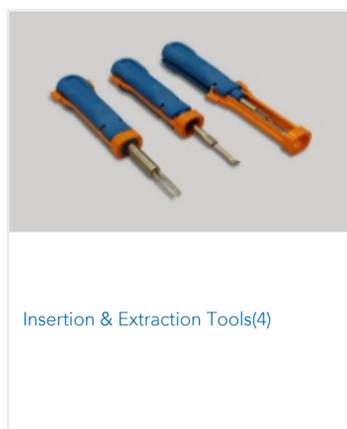
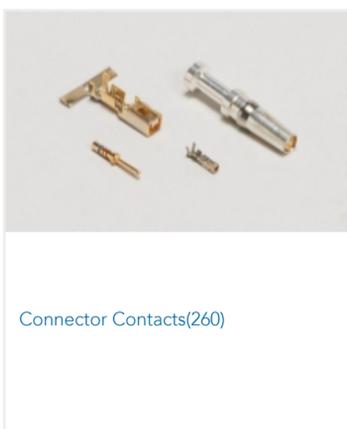
TE Part # 211770-2  
CPC PLUG ASSEMBLY SIZE 23-19



TE Part # 1977878-1  
SLD CPC PLUG ASY, 11-4, STD SEX, UV RESIST



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



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



Circular Power Connectors(211)



Connector Contacts(260)



Power Contacts(260)

## Customers Also Bought



TE Part #NB13604001  
RNF-100-3/8-CL-SP



TE Part #66107-1  
III+ PIN,26-24,30AU>10,LP



TE Part #66107-2  
III+ PIN,26-24,TIN-LEAD,LP



TE Part #1-66107-2  
III+ PIN,26-24,TIN,SMPACK



TE Part #1-66359-9  
III+PIN,18-14,TIN,STRIP



TE Part #206306-1  
23-37 RECEPT REV SEX



TE Part #487923-4  
FFC,SLDR TAB CONTACT,.050" CNT



TE Part #3-640445-8  
08P MTA156 HDR ASSY FL/STR SN



TE Part #1445336-2  
LOOSE PC CONTACT 15 AU PLATED



TE Part #66109-2  
III+ SKT,26-24,TIN-LEAD,LP

## Documents

### Product Drawings

III+ SKT,26-24,TIN,LP

English

### CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-66109-7\_W.2d\_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-66109-7\\_W.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-66109-7\\_W.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

[M\\_SERIES\\_PIN\\_AND\\_SOCKET\\_CONNECTORS](#)

English

---

### Product Specifications

[Application Specification](#)

English