

66101-4 ✓ ACTIVE

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

TE Internal #: 66101-4

Gold (Au), Socket Contact, 18 – 16 AWG, .8 – 1.4 mm<sup>2</sup> Wire,  
Locking 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: **Gold (Au)**

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

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Locking 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           | 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] |
|--|----------------|

|   |        |
|---|--------|
| 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 | Matte |
|---|-------|

|                     |          |
|---------------------|----------|
| 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 | Locking Spring |
|---------------------------------------|----------------|

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

### Dimensions

|           |                          |
|-----------|--------------------------|
| Wire Size | .8 – 1.4 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] |
|-----------------------------|----------------------------|

### Operation/Application

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

### Identification Marking

|                    |      |
|--------------------|------|
| Contact Color Code | Blue |
|--------------------|------|

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



TE Part # 169400  
CERTI-LOK FRAME W/O DIES



TE Part # 208720-1  
PLUG ASSY,SZ 14,CMC



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



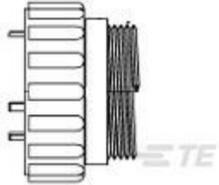
TE Part # 211766-1  
CPC PLUG ASSEMBLY SIZE 17-9



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



TE Part # 206060-1  
CPC PLUG ASSEMBLY SIZE 11-4



TE Part # 206554-1  
CPC PLUG ASSEMBLY SIZE 17-16




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



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



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



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



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



TE Part # 305183  
EXTRACT TOOL TYPE 2 20-16



TE Part # 213851-1  
CPC PLUG ASSEMBLY SIZE 23-24



TE Part # 1977884-1  
SLD CPC PLUG ASSY, 13-9, STD SEX, UV RESIS



TE Part # 539972-1  
EXTRACTION TOOL



TE Part # 58495-2  
PROCRIMPER DIE ASSY MULTIMATE



TE Part # 208457-3  
CMC PLUG ASSEMBLY, SZ 28-24



TE Part # 208488-1  
CMC PLUG ASSEMBLY, SZ 22

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



Connector Contacts(260)



Insertion & Extraction Tools(4)



Power Contacts(260)

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



Circular Power Connectors(211)

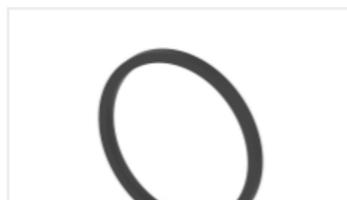


Connector Contacts(260)



Power Contacts(260)

## Customers Also Bought

TE Part #66460-9  
PIN,.062 DIA,.025 SQ POST,LPTE Part #206043-1  
RECEPT,SZ 17-14 CPCTE Part #206044-1  
CPC PLUG ASSEMBLY SIZE 17-14TE Part #1-206062-4  
CABLE CLAMP KIT #11TE Part #206429-1  
CPC PLUG ASSY, 11-4, REV SEXTE Part #206430-1  
RECEPT, SZ 11-4, CPCTE Part #206705-2  
CPC 13-9 FREE HANGING RECPTTE Part #1-480387-0  
03P CMNL CAP HSG F/H BLKTE Part #2176732-8  
HSC150S R39 5% Screw TerminalTE Part #2267473-2  
SIZE 17 PERIPHERAL SEAL, CPC

## Documents

### Product Drawings

III+ SKT,18-16,30AU/FL,LP

English

### CAD Files

Customer View Model

ENG\_CVM\_CVM\_66101-4\_Z.2d\_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_66101-4\\_Z.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_66101-4\\_Z.3d\\_stp.zip](#)

English

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

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### 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

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### Agency Approvals

[Agency Approval Document](#)

English