# 193846-1 ✔ ACTIVE

AMP | AMP Type II

TE Internal #: 193846-1

Gold (Au), Socket Contact, 14 AWG, 2 mm² Wire, Spring Contact Retention, Size 16, Discrete Wire, Crimp, Copper Alloy, Power, AMP Type II

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

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

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

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

| | |
|---|---|
| Contact Length | 19.8 mm[.78 in] |
| Barrel Type | Closed |
| Contact Type | Socket |
| Contact Mating Area Plating Material | Gold (Au) |
| Wire Contact Termination Area Plating Material | Silver |
| Contact Retention Within Housing | With |
| Contact Size | Size 16 |
| Contact Base Material | Copper Alloy |
| Contact Current Rating (Max) | 23 A |

| | |
|---|---|
| Mating Pin Diameter | 1.57 mm[.062 in] |
| Contact Mating Area Plating Material Thickness | .25 µm[10 µin] |
| Contact Mating Area Plating Material Finish | Bright |
| Wire Contact Termination Area Plating Thickness | 5.08 µm[200 µin] |
| Wire Contact Termination Area Plating Material Finish | Semi-Bright |
| Contact Orientation | Straight |
| Contact Underplating Material | Nickel |
| Contact Underplating Material Thickness | 1.02 µm[40 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 | Without |

### Dimensions

| | |
|---|---|
| Wire Size | 2 mm² |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 150 °C[-67 – 302 °F] |

### Operation/Application

| | |
|---|---|
| Circuit Application | Power |

### Industry Standards

| | |
|---|---|
| Compatible With Agency/Standards Products | UL |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 100 |
| Packaging Method | Bag |

## 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 # 1-305183-1
EXTRACT TOOL MATE-N-LOK P



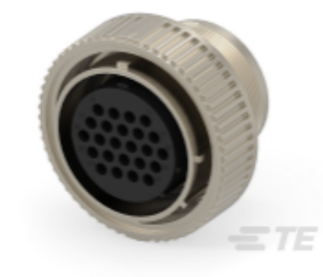
TE Part # 213851-1
CPC PLUG ASSEMBLY SIZE 23-24



TE Part # 539972-1
EXTRACTION TOOL



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



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



TE Part # 208714-1
CMC PLUG ASSEMBLY,SZ 14-7



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



TE Part # 796449-1
PLUG ASSY,CPC,17-14,REV SEX



TE Part # 796288-1

PLUG.ASSY,23-37STD SEX THRD AD



TE Part # 796450-1

PLUG ASSY,CPC,17-9,REV SEX



TE Part # 788153-2

SLD CPC PLUG ASSY,11-4,REV SEX



TE Part # 211766-1

CPC PLUG ASSEMBLY SIZE 17-9



TE Part # 206060-1

CPC PLUG ASSEMBLY SIZE 11-4



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 # 208720-1

PLUG ASSY,SZ 14,CMC



TE Part # 208470-3

CMC PLUG ASSEMBLY,SZ 28



TE Part # 213852-1

CPC PLUG ASSEMBLY SIZE 23-19



TE Part # 211772-1

CPC PLUG ASSEMBLY SIZE 23-19

## Also in the Series | AMP Type II



Connector Contacts(10)

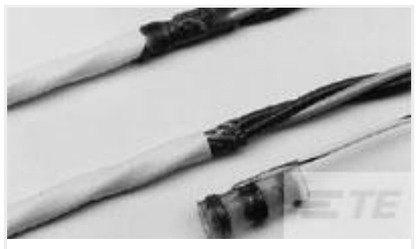


Insertion & Extraction Tools(4)



Power Contacts(10)

## Customers Also Bought



TE Part #133962-000

SO63-2-01



TE Part #433763-000

55A1811-16-9-9CS2275



TE Part #CTJ716E01D-513

MODULE ASSY



TE Part #563965-000

55A1111-18-9-9CS2275



TE Part #2562-209-2231
CONT SOC ASSY



TE Part #ABC03N-22P-4048
IN-LINE RECP



TE Part #36958
SPLICE,SOLIS BUTT 2/0



TE Part #1-1532185-9
M83513/03-G03C, MCKS-C2-B-51P6G9-18.0

TE Part #65008-D02
RAIL ASSY



TE Part #2267473-2
SIZE 17 PERIPHERAL SEAL, CPC

## Documents

### Product Drawings

SKT ASSY.

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_193846-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_193846-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_193846-1_F.3d_stp.zip

English

Customer View Model

ENG_CVM_193846-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_193846-1_C.3d_stp.zip

English

Customer View Model

ENG_CVM_193846-1_C.2d_dxf.zip

English

3D PDF

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

### Power Contacts

English

### M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

## Agency Approvals

### Agency Approval Document

English