



AMP | AMP Type II

TE Internal #: 193846-1

Socket Contact, Gold (Au), Spring Contact Retention, Size 16

Contact Size, Discrete Wire, 14 AWG, 2 mm² 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 Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.02 µm[40 µin]
Contact Mating Area Plating Material Thickness	.25 µm[10 µin]
Wire Contact Termination Area Plating Material Finish	Semi-Bright
Contact Length	19.8 mm[.78 in]
Wire Contact Termination Area Plating Thickness	5.08 µm[200 µin]
Barrel Type	Closed



Contact Mating Area Plating Material Finish	Bright
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

Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Spring

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	



Current ECHA Candidate List: JAN 2025
(247)
Candidate List Declared Against: JAN 2025
(247)
Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 1977884-1
SLD CPC PLUG ASSY, 13-9, STD SEX, UV RESIS

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

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

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

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

TE Part # 539972-1
EXTRACTION TOOL

TE Part # 796288-1
PLUG ASSY, 23-37 STD SEX THRD AD





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



TE Part # 796450-1
PLUG ASSY,CPC,17-9,REV SEX



TE Part # 206708-1
CPC PLUG ASSEMBLY SIZE 13-9



TE Part # 208718-1
CMC PLUG ASSEMBLY,SZ 14-5



TE Part # 208470-1
CMC PLUG ASSEMBLY,SZ 28



TE Part # 211400-1
CPC PLUG ASSEMBLY SIZE 13-7



TE Part # 213848-1
CPC PLUG ASSEMBLY SIZE 23-37



TE Part # 211768-1
CPC PLUG ASSEMBLY SIZE 17-9



TE Part # 208457-1
CMC PLUG ASSEMBLY,SZ 28-24



TE Part # 206837-1
CPC PLUG ASSEMBLY SIZE 23-24



TE Part # 213850-1
CPC PLUG ASSEMBLY SIZE 23-37



TE Part # 206150-1
CPC PLUG ASSEMBLY SIZE 23-37

Also in the Series | AMP Type II



Connector Contacts(10)



Insertion & Extraction Tools(4)

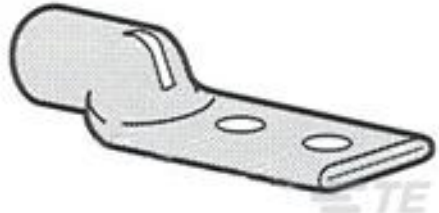


Power Contacts(10)

Customers Also Bought



TE Part #58541-1
PRO-CRIMPER HAND TOOL & DIE



TE Part #326803
TERM, AMPOWER, 4/0, 3/8, 2 HOLE



TE Part #1586026-4
4P SR RCPT VAL-U-LOK V2



TE Part #201328-1
CONTACT SOCKET ASSY.

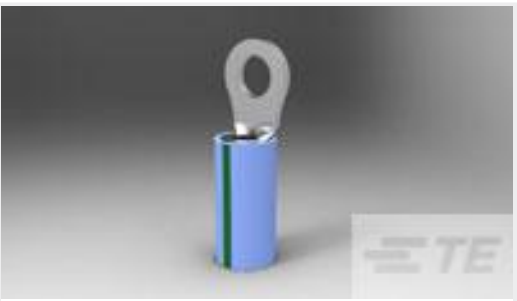




TE Part #212618-1
CONTACT PIN ASSY.



TE Part #61174-5
CMNL PIN L/P AUNIBR



TE Part #51864-9
TERMINAL,PIDG R IR 14 10



TE Part #796466-1
SLD CPC RCPT ASSY,23-16,STD SX



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

TE Part #79010-18-32PN
HERM RECP

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