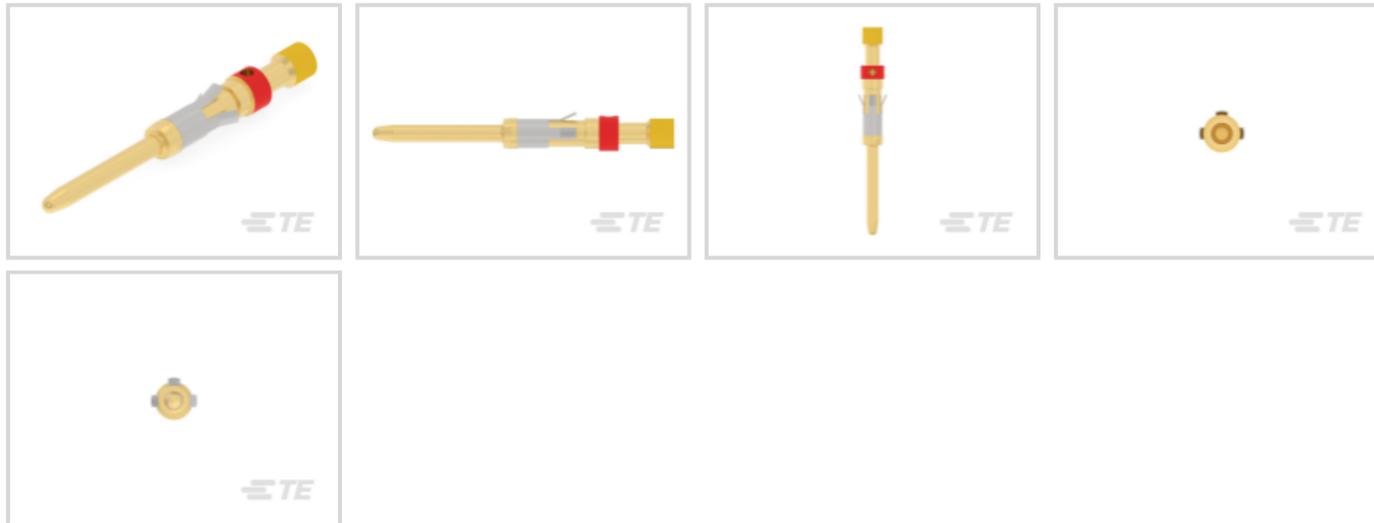




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

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

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

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Snap-In**

## Features

### Product Type Features

Sealable	No
----------	----

### Contact Features

Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold
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	.76 µm[30 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel



Contact Underplating Material Thickness	1.27 µm[50 µin]
---	-----------------

### Termination Features

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

### Mechanical Attachment

Contact Retention Type Within Housing	Snap-In
Wire Insulation Support	With

### Dimensions

Wire Size	.2 – .6 mm <sup>2</sup>
Compatible Insulation Diameter Range	1.02 – 1.57 mm[.04 – .062 in]

### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
-----------------------------	----------------------------

### Operation/Application

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

### Identification Marking

Contact Color Code	Yellow/Red
--------------------	------------

### Packaging Features

Packaging Quantity	900
Packaging Method	Bag

## Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 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) SVHC > Threshold: Pb (2.5% in 3440316)

#### Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

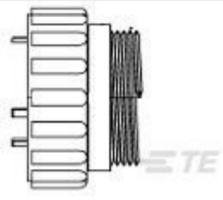
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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

 <p>TE Part # 213851-1 CPC PLUG ASSEMBLY SIZE 23-24</p>	 <p>TE Part # 1977884-1 SLD CPC PLUG ASSY, 13-9, STD SEX, UV RESIS</p>	 <p>TE Part # 539972-1 EXTRACTION TOOL</p>	 <p>TE Part # 208457-3 CMC PLUG ASSEMBLY, SZ 28-24</p>
 <p>TE Part # 208488-1 CMC PLUG ASSEMBLY, SZ 22</p>	 <p>TE Part # 208714-1 CMC PLUG ASSEMBLY, SZ 14-7</p>	 <p>TE Part # 796449-1 PLUG ASSY, CPC, 17-14, REV SEX</p>	 <p>TE Part # 796288-1 PLUG ASSY, 23-37 STD SEX THRD AD</p>
 <p>TE Part # 796450-1 PLUG ASSY, CPC, 17-9, REV SEX</p>	 <p>TE Part # 91538-1 CCII TYPE II PIN SKT 30-20 ASSY</p>	 <p>TE Part # 132312-1 CONTACT PIN TYPE 2 AWG 24-20</p>	 <p>TE Part # 1-601967-6 POSITIONER TYPE II CONTACTS</p>

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

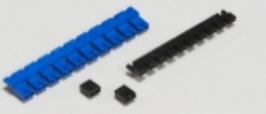


TE Part # 211770-2  
CPC PLUG ASSEMBLY SIZE 23-19



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

Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(3)



Connector Contacts(51)



Connector Hardware(47)



Power Contacts(51)



Rectangular Connector Housings(77)



Rectangular Power Connectors(82)



Standard Rectangular Connectors(81)

Customers Also Bought



TE Part #FS2050-0000-1500-G  
FS2050 COMPRESSION LC1500 GRAM



TE Part #800586-SF  
FN406-1-02



TE Part #31518  
TERMINAL, DG R 26-22 2



TE Part #CAT-P592-R472A  
PIDG Ring Tongue Terminals



## Documents

### Product Drawings

[CONTACT PIN ASSY.](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_201578-1\\_U.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_201578-1\\_U.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_201578-1\\_U.2d\\_dxf.zip](#)

English

[3D PDF](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_201578-1\\_AD.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_201578-1\\_AD.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_201578-1\\_AD.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

### Product Specifications

#### Application Specification

Japanese

#### Application Specification

English

#### Type II Screw Machine Contacts

Japanese

#### Application Specification

Japanese

### Instruction Sheets

#### Instruction Sheet (U.S.)

Japanese

#### Instruction Sheet (U.S.)

English

#### Instruction Sheet (U.S.)

English

#### Application and Maintenance for Crimping Die Assemblies

English

#### Instruction Sheet (U.S.)

English