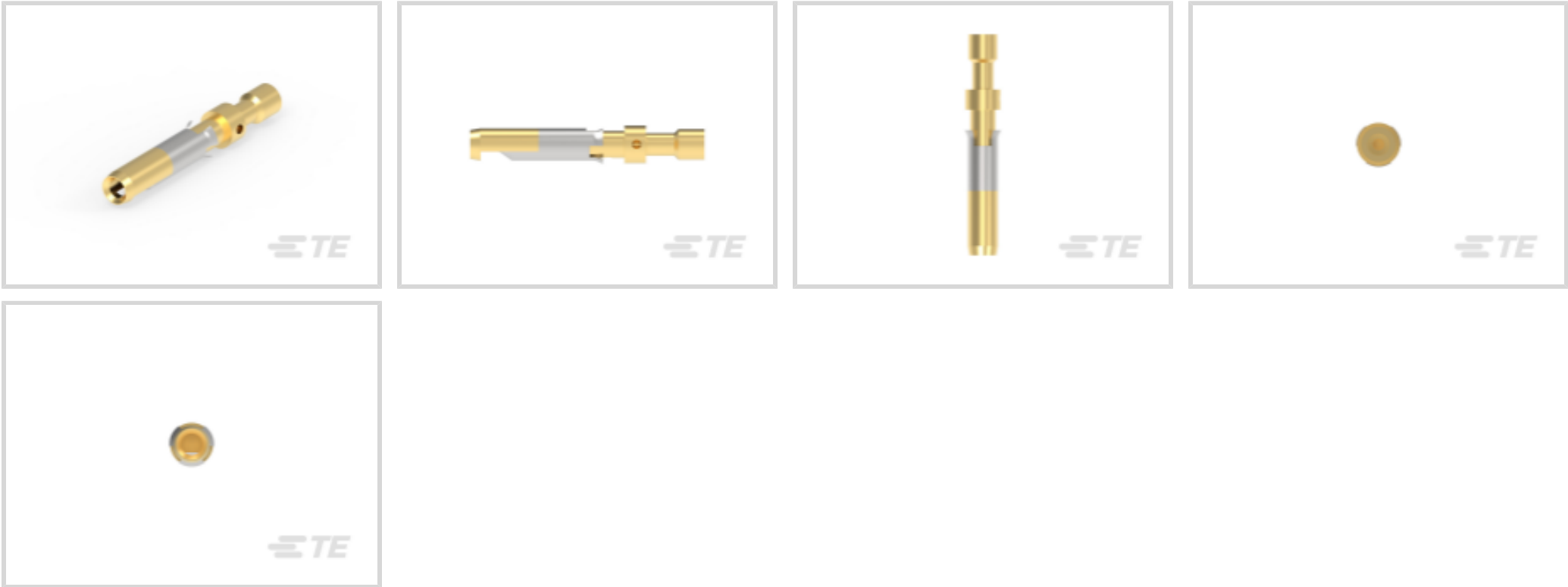




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Gold**
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
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Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Length	20.19 mm[.795 in]
Wire Contact Termination Area Plating Thickness	.76 µm[30 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	Gold
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Spring

Dimensions

Compatible Insulation Diameter Range	1.4 – 2.24 mm[.055 – .088 in]
Wire Size	.2 – .6 mm²

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Identification Marking

Contact Color Code	Yellow/Red
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Packaging Features

Packaging Quantity	20000
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	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)
SVHC > Threshold:
Pb (2.5% in 3440316)

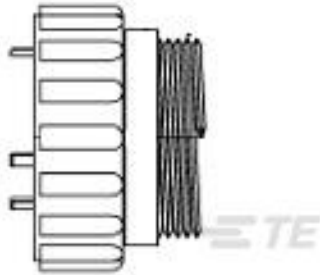
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Low Halogen - Br, Cl, F, 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 # 1977878-1 SLD CPC PLUG ASY,11-4,STD SEX, UV RESIST	 TE Part # 1-601967-5 POSITIONER TYPE II CONTACTS	 TE Part # 200893-2 INSERTION TOOL CONT	 TE Part # 206516-1 CPC PLUG ASSEMBLY SIZE 11-4
 TE Part # 208716-1 CMC PLUG ASSEMBLY,SZ 14	 TE Part # 213853-1 CPC PLUG ASSEMBLY SIZE 23-19	 TE Part # 213849-1 CPC PLUG ASSEMBLY SIZE 17-16	 TE Part # 208718-2 CMC PLUG ASSEMBLY,SZ 14-5



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

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

TE Part # 796274-1
SLD CPC PLUG ASSY,17-16,STD SX

TE Part # 796274-2
SLD CPC PLUG ASSY,17-16,STD SX

TE Part # 796188-1
SLD CPC PLUG ASSY,23-24,STD SX

TE Part # 796271-1
SLD CPC PLUG ASSY,17-14,REV SX

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

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

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

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

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

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

Also in the Series | AMP M Series

Board-to-Board Jumpers & Shunts(5)

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 #1616059-1
A876K=RELAY

TE Part #CSD-SMAM-610-NM
SMA to SMA 610mm RG58

TE Part #207896-1
CONTACT SOC. ASSY.

TE Part #172213-4
EIS CAP HSG PANEL MOUNT 4P
NATUTURAL

TE Part #1-1617146-1
JMGACD-26LW = M39016/18-042L

TE Part #5747100-1
CABLE CLAMP KIT,SZ 4

TE Part #LPS88213NT-61SMAM
INFRA M2M,GSM, OMNI SISO SMAM,
RG316

TE Part #2-1617038-0
HMB1201K01L = M39016/22-009L

TE Part #1-601967-5
POSITIONER TYPE II CONTACTS

TE Part #79010-18-32PN
HERM RECP

Documents

Product Drawings
CONTACT SOCKET ASSY.

English

CAD Files
Customer View Model
ENG_CVM_201328-1_AF.3d_igs.zip

English

Customer View Model
ENG_CVM_201328-1_AF.3d_stp.zip

English

Customer View Model
ENG_CVM_201328-1_AF.2d_dxf.zip

English

3D PDF

English

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_201328-1_AK.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_201328-1_AK.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_201328-1_AK.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 \(U.S.\)](#)

English

[Application and Maintenance for Crimping Die Assemblies](#)

English

[Instruction Sheet \(U.S.\)](#)

Japanese

[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English