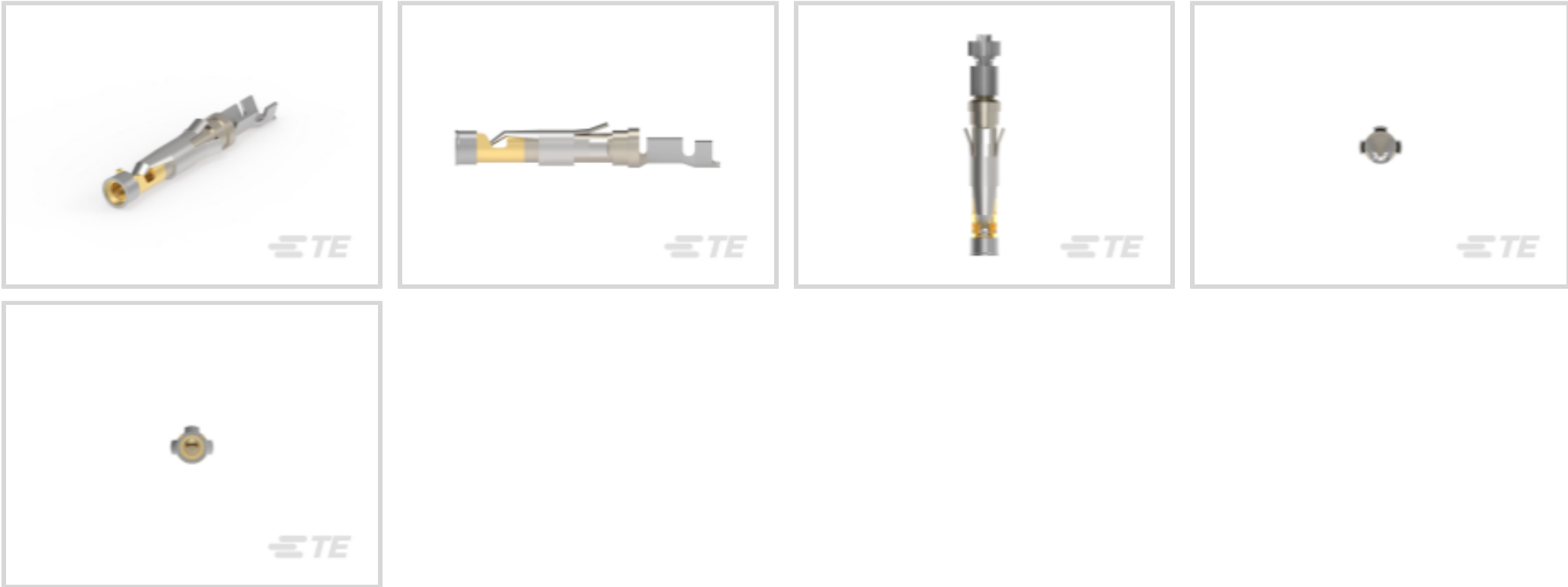




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Tin**
Contact Retention Within Housing: **With**
Contact Size: **Size 16**

Features

Contact Features

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	.38 µm[.15 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]
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Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	.2 – .6 mm ²
Compatible Insulation Diameter Range	1.02 – 2.03 mm[.04 – .08 in]

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
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Operation/Application

Circuit Application	Power & Signal
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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	No Restricted Materials 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 # 200893-2 INSERTION TOOL CONT	 TE Part # 213849-1 CPC PLUG ASSEMBLY SIZE 17-16	 TE Part # 211770-2 CPC PLUG ASSEMBLY SIZE 23-19	 TE Part # 208718-2 CMC PLUG ASSEMBLY,SZ 14-5
 TE Part # 1977878-1 SLD CPC PLUG ASY,11-4,STD SEX, UV RESIST	 TE Part # 213853-1 CPC PLUG ASSEMBLY SIZE 23-19	 TE Part # 206516-1 CPC PLUG ASSEMBLY SIZE 11-4	 TE Part # 208716-1 CMC PLUG ASSEMBLY,SZ 14
 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 # 796274-2 SLD CPC PLUG ASSY,17-16,STD SX	 TE Part # 796274-1 SLD CPC PLUG ASSY,17-16,STD SX
 TE Part # 208457-1 CMC PLUG ASSEMBLY,SZ 28-24	 TE Part # 211400-1 CPC PLUG ASSEMBLY SIZE 13-7	 TE Part # 213848-1 CPC PLUG ASSEMBLY SIZE 23-37	 TE Part # 208718-1 CMC PLUG ASSEMBLY,SZ 14-5





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



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



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



TE Part # 206429-1
CPC PLUG ASSY, 11-4, REV SEX

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



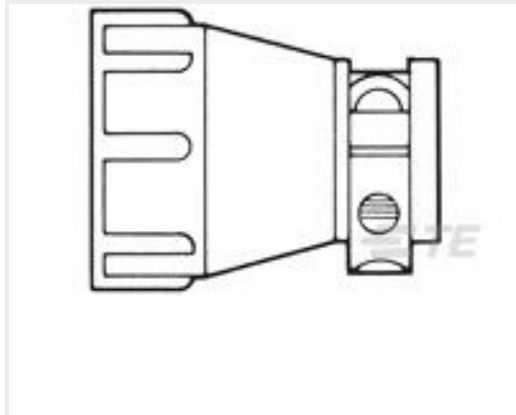
TE Part #66103-4
III+ PIN,24-20,30AU/FL,LP



TE Part #206037-1
CPC PLUG ASSEMBLY SIZE 17-16



TE Part #206070-8
CABLE CLAMP KIT #17



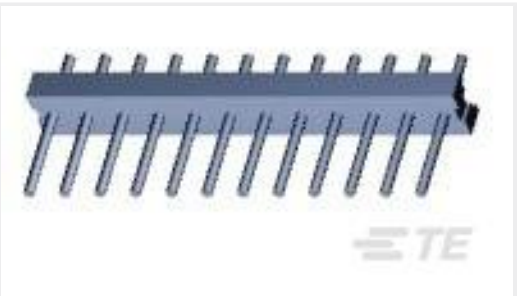
TE Part #206138-8
CLAMP CBL SHELL SIZE 23



TE Part #207052-2
SZ23 UNASSM KIT,CPC



TE Part #1-350524-9
24P STR/REL HNGD BLK



TE Part #1-640384-2
12P MTA156 HDR ASSY STR RND SN



TE Part #1-6609132-0
3EZM4S=F8124



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



TE Part #2-530153-2
TDM SPRING, SHUNT ASY 2 POS

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_66105-3_AE.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66105-3_AE.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66105-3_AE.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

English

Instruction Sheets



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

Japanese

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

English