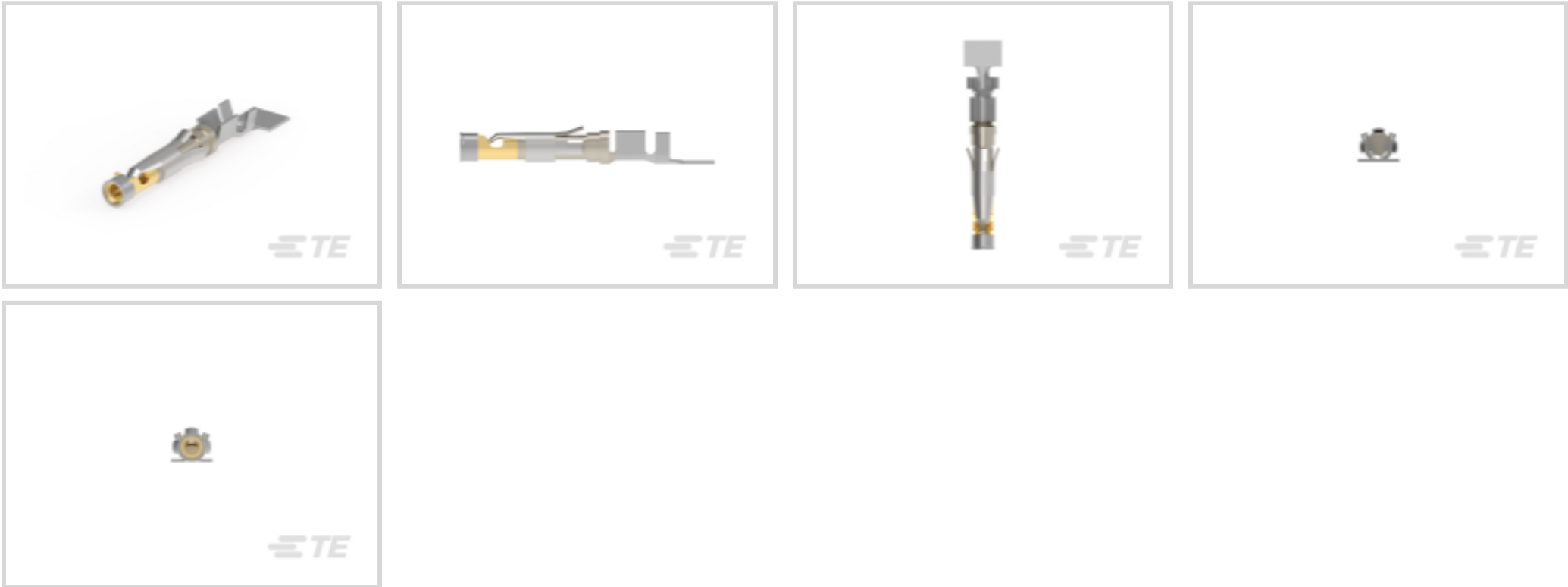




Connectors > Contacts > Connector Contacts



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

Barrel Type	Open
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]
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	.76 µm[30 µin]

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Locking Spring
Wire Insulation Support	With

Dimensions

Wire Size	.8 – 1.4 mm ²
Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 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	4000
Packaging Method	Reel

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 # 5-2151023-2 OCEAN_2.0_Applicator-S-080F1200-RSA	 TE Part # 2151023-2 OCEAN_2.0_Applicator-S-080F1200-RSA	 TE Part # 208714-2 CMC PLUG ASSEMBLY,SZ 14-7	 TE Part # 208470-3 CMC PLUG ASSEMBLY,SZ 28
 TE Part # 206060-1 CPC PLUG ASSEMBLY SIZE 11-4	 TE Part # 206305-1 CPC PLUG ASSEMBLY SIZE 23-37	 TE Part # 208488-3 CMC PLUG ASSEMBLY,SZ 22	 TE Part # 208720-1 PLUG ASSY,SZ 14,CMC
 TE Part # 788153-2 SLD CPC PLUG ASSY,11-4,REV SEX	 TE Part # 206554-1 CPC PLUG ASSEMBLY SIZE 17-16	 TE Part # 213852-1 CPC PLUG ASSEMBLY SIZE 23-19	 TE Part # 1977887-1 PLUG.ASSY,23-37STD SEX THRD AD, UV RESIS



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

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

TE Part # 305183
EXTRACT TOOL TYPE 2 20-16

TE Part # 7-2266601-7
OC-080F120O-752-CRIMPTOOLINGKIT

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

TE Part # 539972-1
EXTRACTION TOOL

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

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

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 #YHDP24-24-91PEL024
REC, 9P, BLK, E, WTHD, 8/12/16, P

TE Part #66102-3
III+ PIN,24-20,15AU/FL,STRIP

TE Part #163081-7
.062 DIA PIN ASSY 3+

TE Part #163085-2
.062 DIA PIN ASS 3+

TE Part #182916-1
CPC SQ.FL.RCPT STD SEX

TE Part #183075-1
SQUARE FLG.23-24STD.SEX SRS 1

TE Part #1-206062-7
CABLE CLAMP KIT, BULK PKG

TE Part #444496-1
HSG ASS'Y 2 POSN JR POWER

TE Part #735093
250 FASTON HSG. REC. 1P NATURAL

TE Part #794236-1
04P CMNL HDR ASSY V0

Documents

Product Drawings

III+ SKT,18-16,15AU/FL,STRIP

English

CAD Files

Customer View Model

ENG_CVM_CVM_66100-8_BJ.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66100-8_BJ.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66100-8_BJ.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

Agency Approvals

Agency Approval Document

English