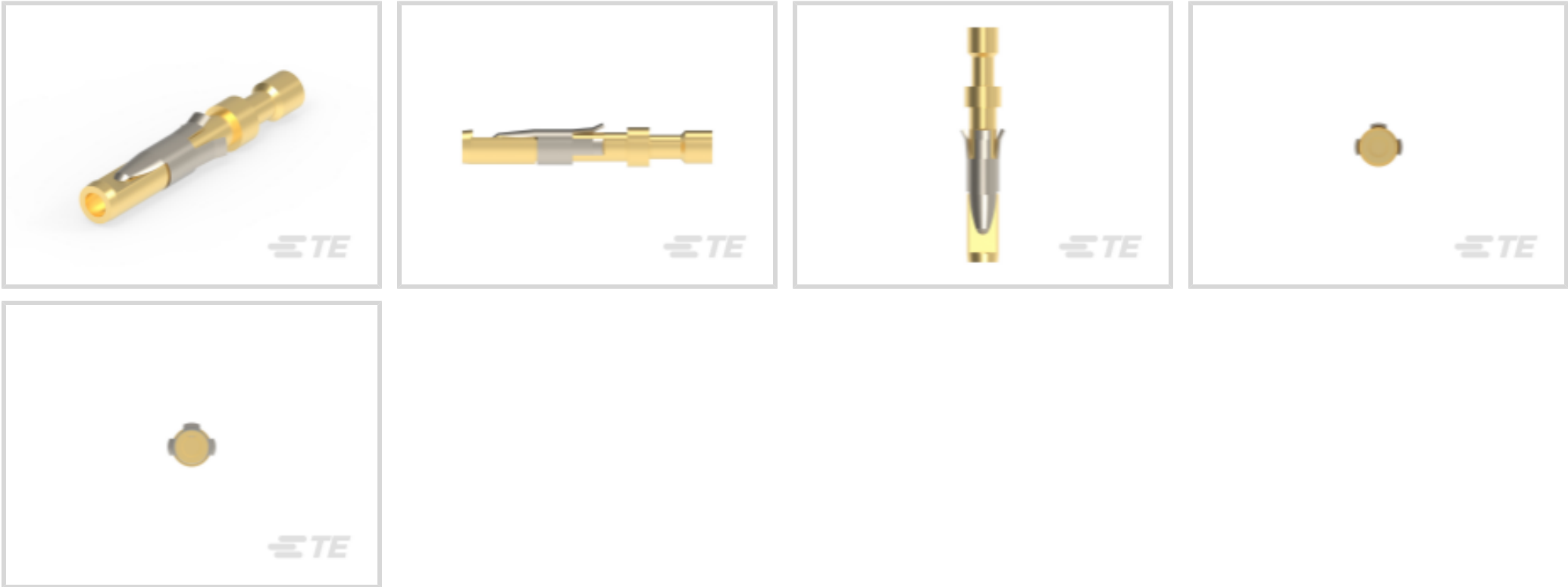




Connectors > Contacts > Connector Contacts



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]
Wire Contact Termination Area Plating Material Finish	Bright
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	.89 – 1.4 mm [.035 – .055 in]
Wire Size	.08 – .24 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	Red
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Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold

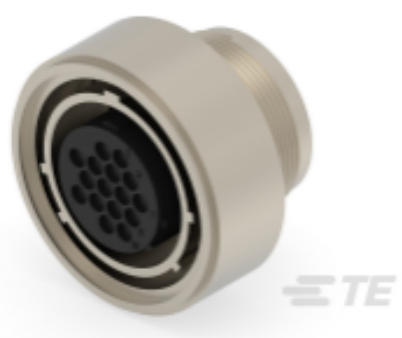


EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (3% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if 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 # 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	 TE Part # 206305-1 CPC PLUG ASSEMBLY SIZE 23-37	 TE Part # 206554-1 CPC PLUG ASSEMBLY SIZE 17-16



TE Part # 208720-1
PLUG ASSY, SZ 14, CMC



TE Part # 208470-3
CMC PLUG ASSEMBLY, SZ 28



TE Part # 1977887-1
PLUG.ASSY, 23-37 STD SEX THRD AD, UV RESIS



TE Part # 788153-2
SLD CPC PLUG ASSY, 11-4, REV SEX



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



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

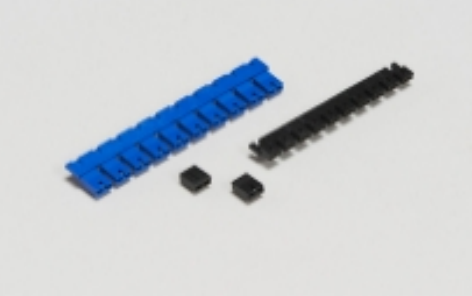


TE Part # 539972-1
EXTRACTION TOOL



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

Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(5)



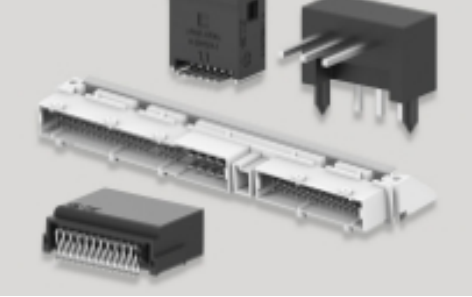
Connector Caps & Covers(14)



Connector Hardware(47)



Connector Strain Relief(13)



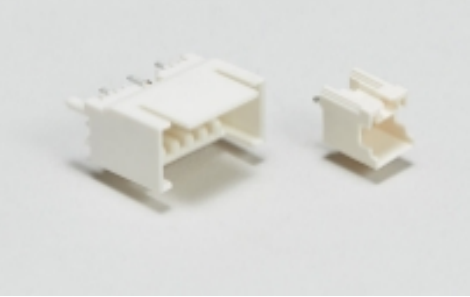
PCB Headers & Receptacles(9)



Rack & Panel Connectors(1)



Rectangular Power Connectors(82)

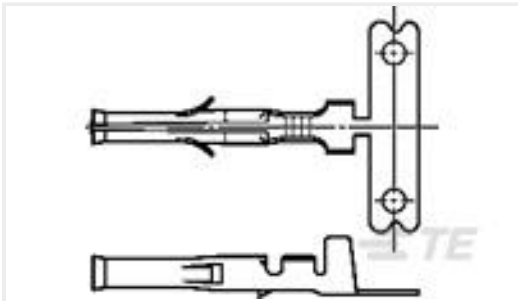


Wire-to-Board Headers & Receptacles (1)

Customers Also Bought



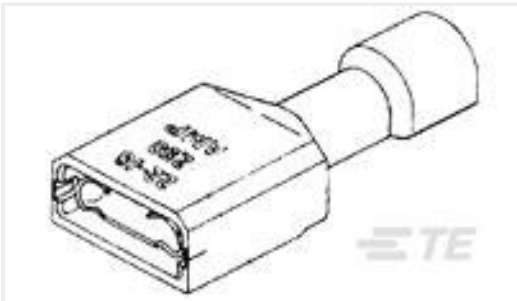
TE Part #0662694002
MT2000-6.0-X-SP



TE Part #350628-6
.062 COMM P&S SOK AUNI/PHBZ



TE Part #E40870-000
VERSAFIT-MINI-SPL-1/16-BK



TE Part #7-520365-2
ULTRA-FAST .110/.125 ASY REC 26-22 TPBR



TE Part #770834-1
MINI UMNL SOCKET SN



TE Part #1-770903-0
MINI UMNL PIN 22-18 AWG AU



TE Part #201580-1
SKT CONT ASSY,TYPE II



TE Part #34142
PG R 22-16 COMM 22-18 MIL 6



TE Part #207463-1
CRIMP SNAP RCPT ASSY,SZ 3



TE Part #66505-3
20 DF SCKT CONT

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_201613-1_R.3d_igs.zip

English

Customer View Model

ENG_CVM_201613-1_R.3d_stp.zip

English

Customer View Model

ENG_CVM_201613-1_R.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_201613-1_V.2d_dxf.zip

English

Customer View Model



[ENG_CVM_CVM_201613-1_V.3d_igs.zip](#)

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Customer View Model

[ENG_CVM_CVM_201613-1_V.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

Signal Contacts

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[M_SERIES_PIN_AND_SOCKET_CONNECTORS](#)

English

Product Specifications

[Application Specification](#)

Japanese

[Application Specification](#)

English

Instruction Sheets

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

English

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

English

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

Japanese

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

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

English

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

English