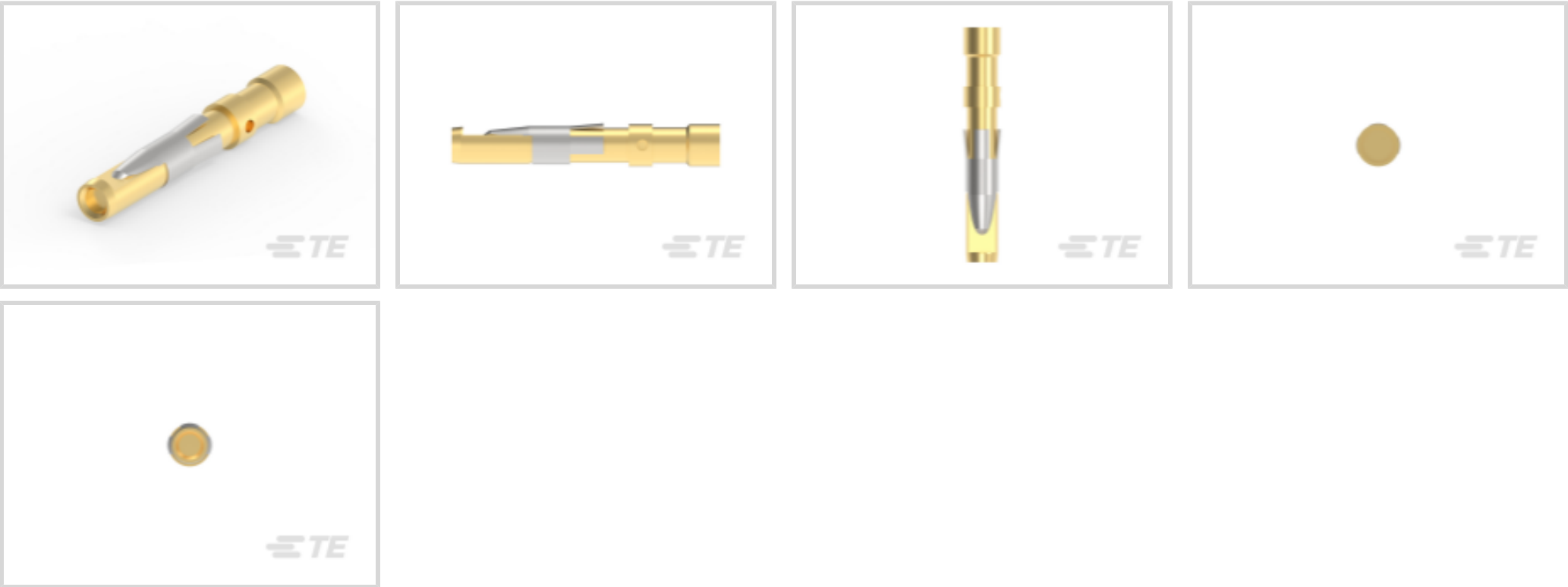




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Gold**
Operating Voltage: **250 VDC**

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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Electrical Characteristics

Operating Voltage	250 VDC
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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	Matte
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	2.03 – 2.67 mm[.08 – .105 in]
Wire Size	.8 – 1.4 mm ²

Usage Conditions

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

Circuit Application	Power
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Packaging Features

Packaging Quantity	500
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 # 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,23-37STD SEX THRD AD	 TE Part # 796449-1 PLUG ASSY,CPC,17-14,REV SEX



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



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

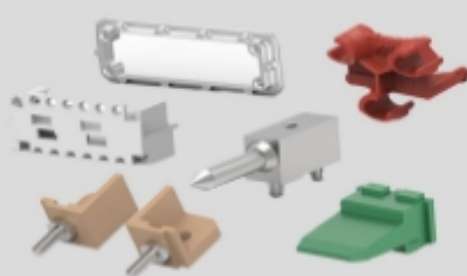
Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(5)



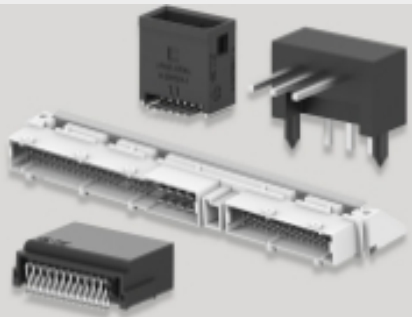
Connector Caps & Covers(14)



Connector Hardware(47)



Connector Strain Relief(13)



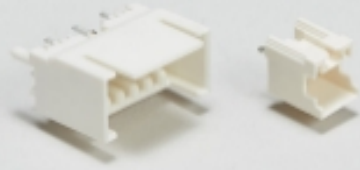
PCB Headers & Receptacles(9)



Rack & Panel Connectors(1)



Rectangular Power Connectors(82)



Wire-to-Board Headers & Receptacles (1)

Customers Also Bought

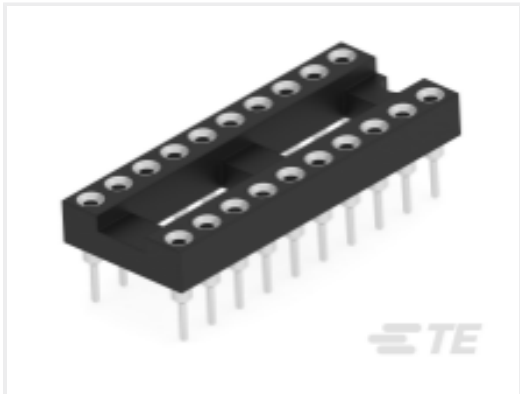




TE Part #T4161120008-001
RPC-M12-MS-8CON-PUR-0.5SH



TE Part #1-1879455-1
TE 1500W 6R8 5% Bracket



TE Part #2485264-6
DIP IC SOCKET 20P,Sn



TE Part #356611-2
DIES POWERBAND CONT 10 AWG
DIE SET



TE Part #63612-1
RING AMVAR 22-18 025TPBR



TE Part #1776296-6
TSB5000631DS=EUROPA T-BLK,10MM



TE Part #201568-1
CONTACT SOCKET ASSY.



TE Part #213843-4
PWRBAND SKT CNT ASSY,8-10,L.P.



TE Part #2-747580-1
SHLDING FERRULE,PLTD TIN,BULK



TE Part #891382-000
DK-621-0047-2PCS228

Documents

Product Drawings
CONTACT SOCKET ASSY.

English

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_202508-1_F.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_202508-1_F.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_202508-1_F.3d_stp.zip

English

Customer View Model
ENG_CVM_202508-1_E.3d_igs.zip

English



Customer View Model

[ENG_CVM_202508-1_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_202508-1_E.2d_dxf.zip](#)

English

3D PDF

English

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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

Instruction Sheets

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

Japanese

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

English