



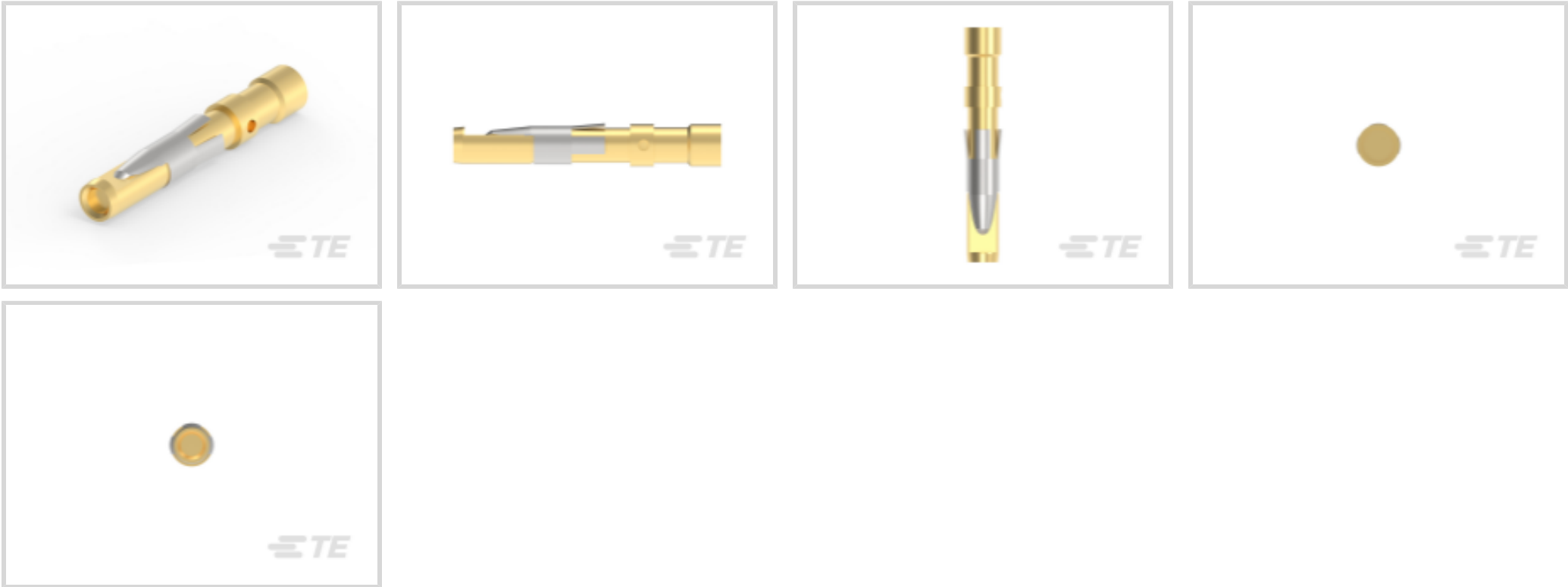
AMP | AMP Type II

TE Internal #: 202508-1

Socket Contact, Gold, Snap-In Contact Retention, Size 16 Contact Size, 18 – 16 AWG Wire Size, .8 – 1.4 mm² Wire Size, Crimp, Brass, Power, AMP Type II

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts > Pin and Socket Contacts, Type II



- Contact Type: **Socket**
- Contact Mating Area Plating Material: **Gold**
- Wire Contact Termination Area Plating Material: **Gold**
- Contact Retention Within Housing: **With**
- Contact Retention Type Within Housing: **Snap-In**

[All Pin and Socket Contacts, Type II \(16\)](#)

Features

Product Type Features

Sealable	No
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Contact Features

Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Socket
Contact Mating Area Plating Material	Gold
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	Snap-In

Dimensions

Compatible Insulation Diameter Range	2.03 – 2.67 mm[.08 – .105 in]
Wire Size	.8 – 1.4 mm²

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-55 – 302 °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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (2.5% 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.

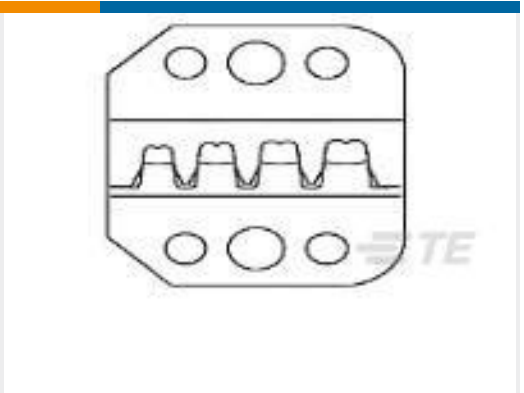


Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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 # CAT-AM71-C83998C Circular Plastic Connector, CMC Series 1	 TE Part # CAT-AM71-C83998Y One-Piece Connector, Sealed, CPC Series 1	 TE Part # CAT-AM71-C83998J Cable/Panel Mount Connector, CPC Series 1	 TE Part # CAT-AM71-C83998K Circular Connector, Environmentally Sealed, CPC Series 6
 TE Part # 200893-2 INSERTION TOOL CONT	 TE Part # 539972-1 EXTRACTION TOOL	 TE Part # 305183 EXTRACT TOOL TYPE 2 20-16	 TE Part # 601967-1 CRIMPING TOOL M22520/1-01
 TE Part # 58541-1 PRO-CRIMPER HAND TOOL & DIE	 TE Part # 91539-1 CCII TYPE II SKT 22-14 2x18 ASSY	 TE Part # 58541-2 PRO-CRIMPER HAND TOOL DIE	 TE Part # 1-601967-5 POSITIONER TYPE II CONTACTS

Also in the Series | AMP Type II



Connector Contacts(35)

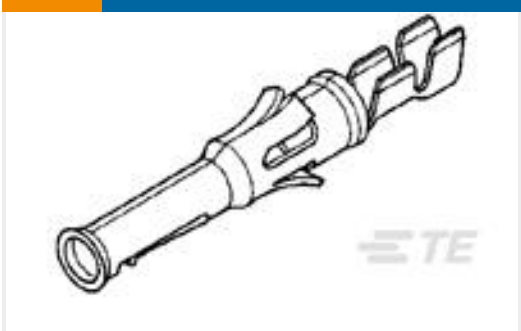


Insertion & Extraction Tools(4)

Customers Also Bought



TE Part #201568-1
Pin and Socket Contacts, Type II



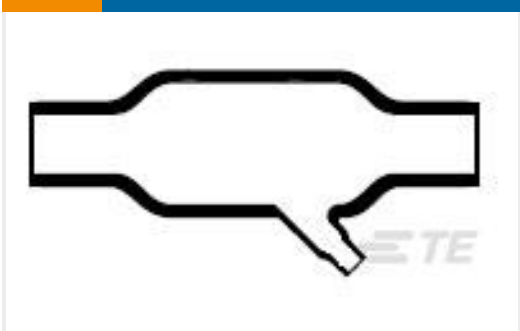
TE Part #66594-4
TYPE VI SKT,MULTI-MATE,L.P.



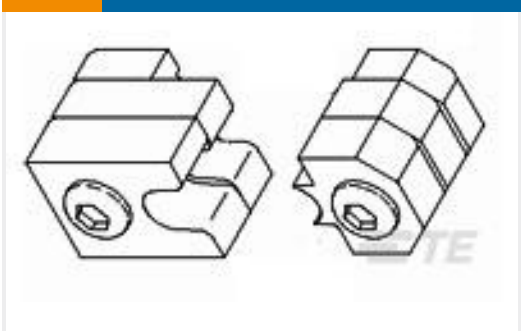
TE Part #3-641217-3
03P MTA156 CONN ASSY 18AWG ORA



TE Part #8-2176371-5
RQ 0603 34K8 0.1% 10PPM 5K RL



TE Part #829102-000
342A112-25-0



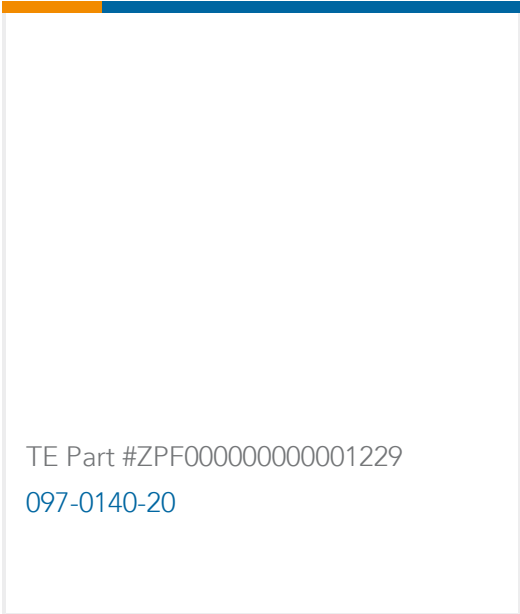
TE Part #356611-1
DIES POWERBAND CONT 8 AWG DIE SET



TE Part #2-2232263-1
PTL 1X2 CAP PANEL MT HOT WIRE KEY B NAT



TE Part #H1111000301-000
HPC-200-050-F-P-OR-01



TE Part #ZPF000000000001229
097-0140-20

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