



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold**
Wire Contact Termination Area Plating Material: **Silver**
Contact Retention Within Housing: **With**
Contact Size: **Size 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	1.02 µm[40 µin]
Wire Contact Termination Area Plating Thickness	5.08 µm[200 µin]
Wire Contact Termination Area Plating Material Finish	Semi-Bright
Contact Mating Area Plating Material Thickness	.25 µm[10 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	Silver
Contact Retention Within Housing	With



Contact Size	Size 16
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	23 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	2 mm ²
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Usage Conditions

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

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	UL
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Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Product Compliance

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

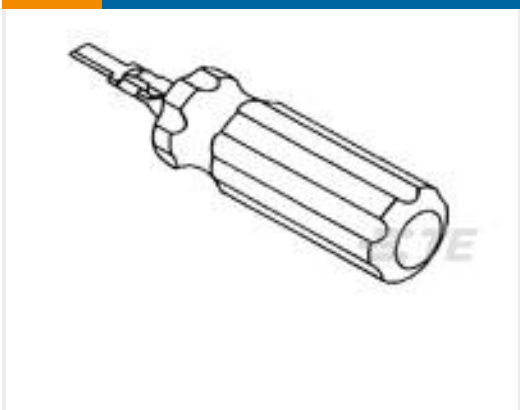
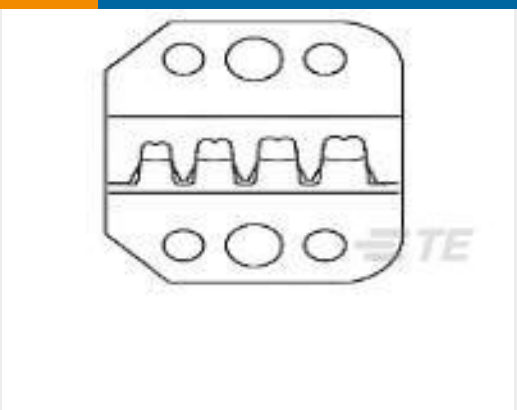
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # 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 # 1-305183-1 EXTRACT TOOL MATE-N-LOK P	 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)

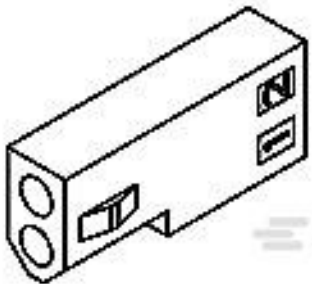


Insertion & Extraction Tools(4)

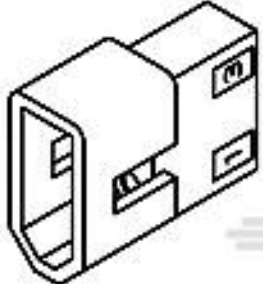
Customers Also Bought



TE Part #212618-1
CONTACT PIN ASSY.



TE Part #770333-1
03P .062 COMM P&S RECPT



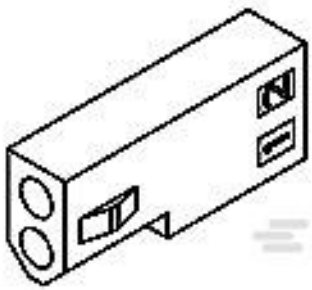
TE Part #770331-1
03P .062 COMM P&S PLUG



TE Part #60771-2
RING CRIMP 18-14 AWG TPBR



TE Part #61174-5
CMNL PIN L/P AUNIBR



TE Part #770274-1
04P .062 COMM P&S RECPT



TE Part #58541-1
PRO-CRIMPER HAND TOOL & DIE



TE Part #1-601967-5
POSITIONER TYPE II CONTACTS

TE Part #2267473-3
SIZE 23 PERIPHERAL SEAL, CPC



Documents

Product Drawings

SKT ASSY.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_193846-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_193846-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_193846-1_F.3d_stp.zip

English

Customer View Model

ENG_CVM_193846-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_193846-1_C.3d_stp.zip

English

Customer View Model

ENG_CVM_193846-1_C.2d_dxf.zip

English

3D PDF

English

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Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Power Contacts

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Agency Approvals

Agency Approval Document

English