



Connectors > Contacts > Connector Contacts



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

Features

Product Type Features

Sealable	No
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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	Bright
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Finish	Bright
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)	1.8 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	1.02 – 2.03 mm[.04 – .08 in]
Wire Size	.2 – .6 mm²

Usage Conditions

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

Circuit Application	Power
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Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

Product Compliance

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

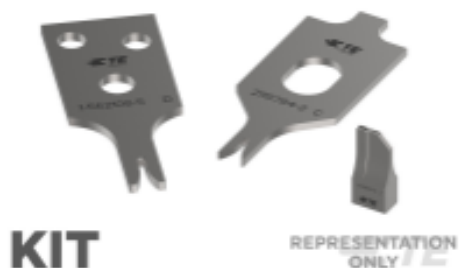
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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

 KIT TE Part # 7-2151016-7 OCEAN_2.0_SPARE_PART_KIT-062F090O	 TE Part # 58495-1 PRO CRIMPER ASSY MULTIMATE	 TE Part # 5-2151016-1 OCEAN_2.0_APPLICATOR-S-062F090O-RSM	 TE Part # 2151016-2 OCEAN_2.0_APPLICATOR-S-062F090OA-RSA
 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 58495-2 PROCRIMPER DIE ASSY MULTIMATE	 TE Part # 2151016-1 OCEAN_2.0_APPLICATOR-S-062F090O-RSM	 TE Part # 5-2151016-2 OCEAN_2.0_APPLICATOR-S-062F090O-RSA

Also in the Series | AMP Type IV

 Connector Contacts(47)	 Power Contacts(47)
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Customers Also Bought



TE Part #CAT-N14-RC4812
48V Ready 1.2mm Sealed Connectors

TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals

TE Part #776523-4
AS16, PLUG ASSY, ST, 03P, E SEAL, CODE D

TE Part #184004-1
2 POS. PLUG ASSY, KEY C, BLACK CODE D

TE Part #1586518-2
08P CMNL HDR ASSY PC NATL LF

TE Part #8-2176093-1
RP 2A 0.25W 71K5 0.1% 25PPM 1K RL

TE Part #2-1670916-1
2POS, MCON 1.2 LL REC SEALED

TE Part #1825516-3
MSP103C004

Documents

Product Drawings

TYPE VI SOCKET,MULTI-MATE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66584-0_AM_c-1-66584-0-am.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-66584-0_AM_c-1-66584-0-am.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66584-0_AM_c-1-66584-0-am.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

Japanese

Application Specification

English