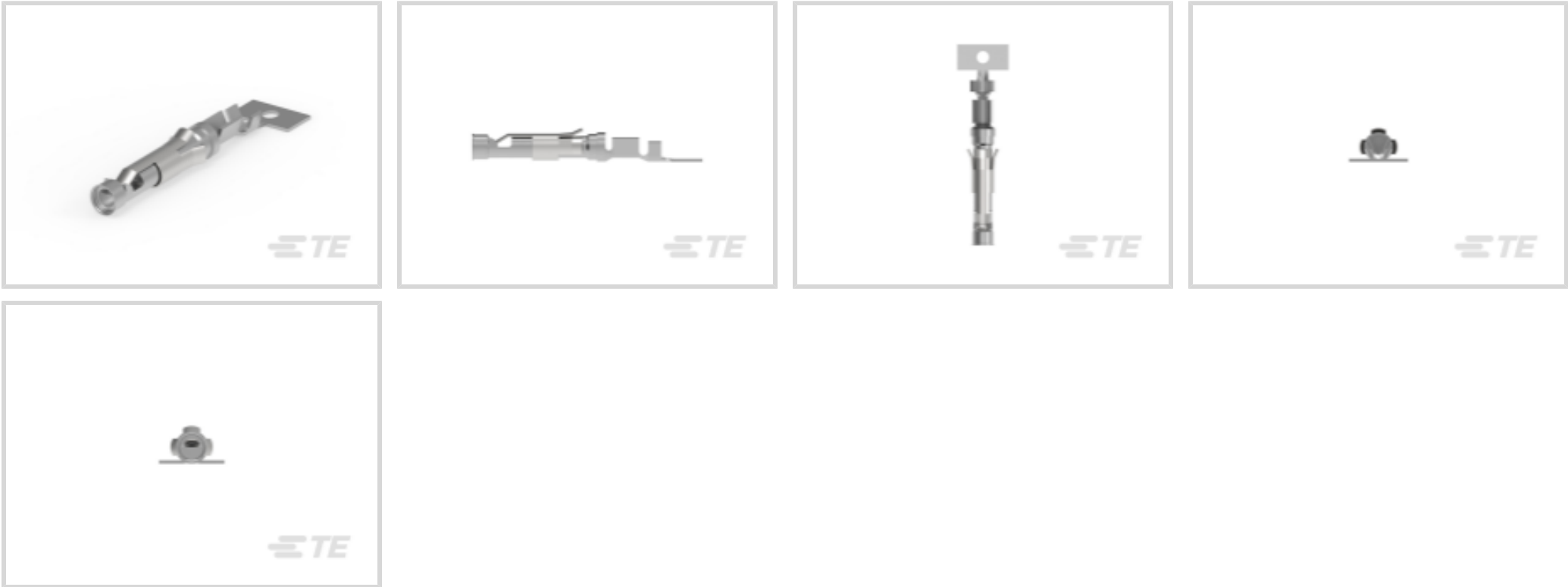




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Tin (Sn)**
Wire Contact Termination Area Plating Material: **Tin**
Contact Retention Within Housing: **With**
Contact Size: **Size 16**

Features

Product Type Features

Discrete Wire Type	Stranded
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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	2.03 µm[80 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	2.03 µm[80 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
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
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Dimensions

Compatible Insulation Diameter Range	1.1 – 1.8 mm[.043 – .07 in]
Wire Size	.2 – .5 mm²

Usage Conditions

Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
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Operation/Application

Circuit Application	Power & Signal
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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

 TE Part # 200893-2 INSERTION TOOL CONT	 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 # 539972-1 EXTRACTION TOOL	 TE Part # 5-2151016-2 OCEAN_2.0_APPLICATOR-S-062F090O-RSA
 TE Part # 305183 EXTRACT TOOL TYPE 2 20-16	 TE Part # 7-2151016-7 OCEAN_2.0_SPARE_PART_KIT-062F090O	 TE Part # 2384426-1 SDE F TYPE III+ 0.56-0.12mm2 ASSY	 TE Part # 2384426-2 SDE F TYPE III+ 0.56-0.12mm2 DIE SET
 TE Part # 91505-1 CCII TYPE III+ 24-16 ASSY	 TE Part # 58495-1 PRO CRIMPER ASSY MULTIMATE		



Also in the Series | AMP Type III+

Connector Contacts(365)

Insertion & Extraction Tools(4)

Power Contacts(365)

Customers Also Bought

TE Part #1612906-1
025 CONN.24P PLUG HOUSING ASSY

TE Part #1-1879071-4
THS50 1R8 5%

TE Part #1241601-2
PQ5,2 Sn rec LL unseal. >1,0-2,5

TE Part #2213764-1
AV19 SPM 3A FIX RING LED WHITE 12V

TE Part #215307-5
2X5P HV100 REC CON. TE, 7.0MM

TE Part #1658540-1
PIN CONT DUPL PLT STRIP HD-20

TE Part #3-1718346-1
3POS MQS REC COD C

TE Part #2-1879222-9
CPF 0603 37R4 0.1% 25PPM 1K RL

TE Part #163085-1
.062 DIA PIN ASS 3+

TE Part #175090-1
.187 SEALD REC CONT M

Documents

Product Drawings
062 SOC.ASS. TYP3+

English

CAD Files
3D PDF

English



Customer View Model

[ENG_CVM_163087-9_AD.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_163087-9_AD.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_163087-9_AD.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_163087-9_AD1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_163087-9_AD1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_163087-9_AD1.2d_dxf.zip](#)

English

3D PDF

3D

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

Product Specifications

[Product Specification](#)

English