



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	2 – 2.5 mm[.078 – .098 in]
Wire Size	.75 – 1.5 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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Identification Marking

Contact Color Code	Blue
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Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

Product Compliance

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

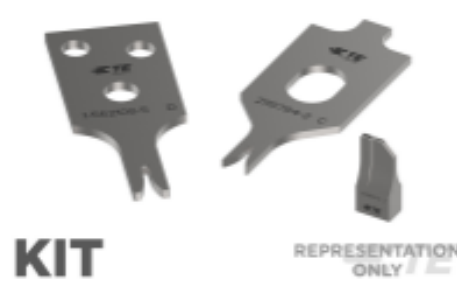
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 # 5-2151023-1 OCEAN_2.0_Applicator-S-080F1200-RSM	 TE Part # 200893-2 INSERTION TOOL CONT	 TE Part # 2151023-1 OCEAN_2.0_Applicator-S-080F1200-RSM	 TE Part # 91505-1 CCII TYPE III+ 24-16 ASSY
 TE Part # 58495-1 PRO CRIMPER ASSY MULTIMATE	 TE Part # 7-2151023-7 OCEAN_2.0_SPARE_PART_KIT-080F1200	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 58495-2 PROCRIMPER DIE ASSY MULTIMATE
 TE Part # 539972-1 EXTRACTION TOOL	 TE Part # 5-2151023-2 OCEAN_2.0_Applicator-S-080F1200-RSA	 TE Part # 2151023-2 OCEAN_2.0_Applicator-S-080F1200-RSA	 TE Part # 305183 EXTRACT TOOL TYPE 2 20-16

Also in the Series | AMP Type III+



Connector Contacts(365)



Insertion & Extraction Tools(4)

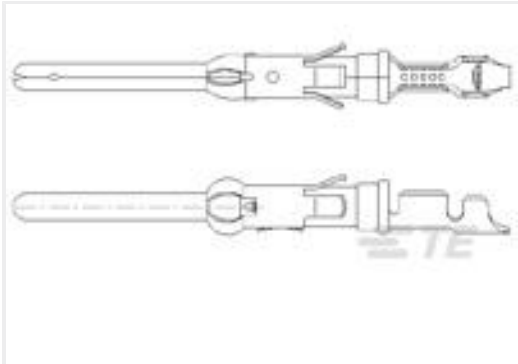


Power Contacts(365)

Customers Also Bought



TE Part #1SNA125124R0100
M35/16.N



TE Part #1-163085-1
SPEC. PLATED



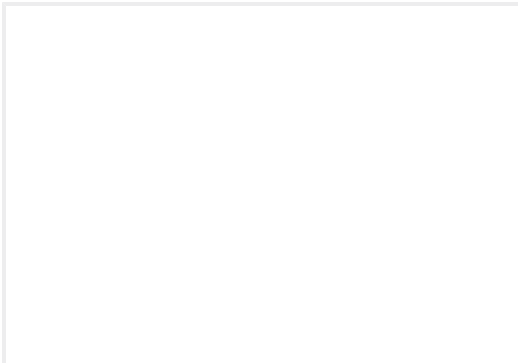
TE Part #1SNA165111R1400
M35/16.P



TE Part #965143-1
26POS MQS REC



TE Part #1-66741-2
TYPE XII FEMALE CONTACT



TE Part #1SNA199400R0600
FEHD1-BE



TE Part #1-350779-1
04P UMNL V0 PLUG HSG BROWN



TE Part #927886-1
CI 2 BUCHSE



TE Part #1SNA399719R1000
PEAD



TE Part #1544515-2
CLIP 4,8 SECU DRAP

Documents

Product Drawings
[.062 DIA SOC.ASS.3+](#)

English

CAD Files
[3D PDF](#)

3D

Customer View Model
[ENG_CVM_CVM_163083-8_AY.2d_dxf.zip](#)

163083-8

Socket Contact, Tin (Sn), Size 16 Contact Size, 18 – 16 AWG, .75 – 1.5 mm² Wire, Crimp, Brass, Power & Signal, AMP Type III+



English

Customer View Model

[ENG_CVM_CVM_163083-8_AY.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_163083-8_AY.3d_stp.zip](#)

English

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

Product Specifications

Product Specification

English