



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Silver**
Wire Contact Termination Area Plating Material: **Silver**
Contact Retention Within Housing: **With**
Contact Size: **Size 16**

Features

Product Type Features

Discrete Wire Type	Stranded
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Contact Features

Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Thickness	1.52 µm[60 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	1.52 µm[60 µin]
Contact Mating Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Pin
Contact Mating Area Plating Material	Silver
Wire Contact Termination Area Plating Material	Silver
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 mm ²

Usage Conditions

Operating Temperature Range	-55 - 150 °C[-67 - 302 °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>

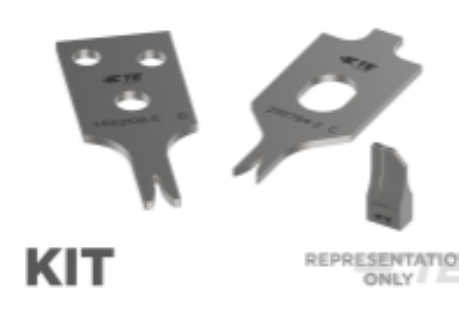
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not 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 # 58495-2 PROCRIMPER DIE ASSY MULTIMATE	 TE Part # 91505-1 CCII TYPE III+ 24-16 ASSY	 TE Part # 200893-2 INSERTION TOOL CONT	 TE Part # 58495-1 PRO CRIMPER ASSY MULTIMATE
 TE Part # 539972-1 EXTRACTION TOOL	 TE Part # 305183 EXTRACT TOOL TYPE 2 20-16	 TE Part # 2151023-1 OCEAN_2.0_Applicator-S-080F1200-RSM	 TE Part # 2151023-2 OCEAN_2.0_Applicator-S-080F1200-RSA
 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 5-2151023-1 OCEAN_2.0_Applicator-S-080F1200-RSM	 TE Part # 5-2151023-2 OCEAN_2.0_Applicator-S-080F1200-RSA	 TE Part # 7-2151023-7 OCEAN_2.0_SPARE_PART_KIT-080F1200

Also in the Series | AMP Type III+



Connector Contacts(409)



Insertion & Extraction Tools(4)

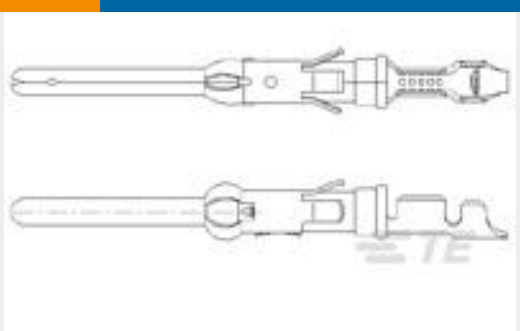
Customers Also Bought



TE Part # 5-1879022-3
SMD Power Resistor: 7 Watt, 200-2M Ohm



TE Part # 211401-2
RECEPT,SZ 13-7,CPC



TE Part # 163081-1
.062 DIA PIN ASSY 3+



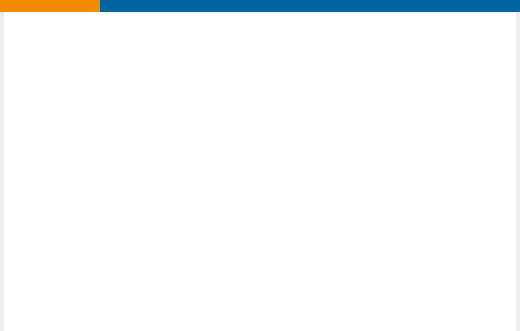
TE Part # 66109-2
III+ SKT,26-24,TIN-LEAD,LP



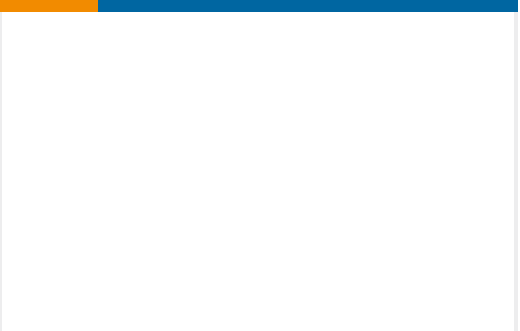
TE Part # 1623149-1
CRG0805 1% 20K



TE Part # 2176324-5
SMV 3W 220K 5%



TE Part # 1-1609165-5
CDEUL150A6-S=F6320B



TE Part # EN0127-000
SMOE-64623

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-163081-7_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-163081-7_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-163081-7_BA.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

1-163081-7

Pin Contact, Silver, Size 16 Contact Size, 18 - 16 AWG Wire Size, .75 - 1.5 mm² Wire Size, Crimp, Brass, Power & Signal, AMP Type III+

