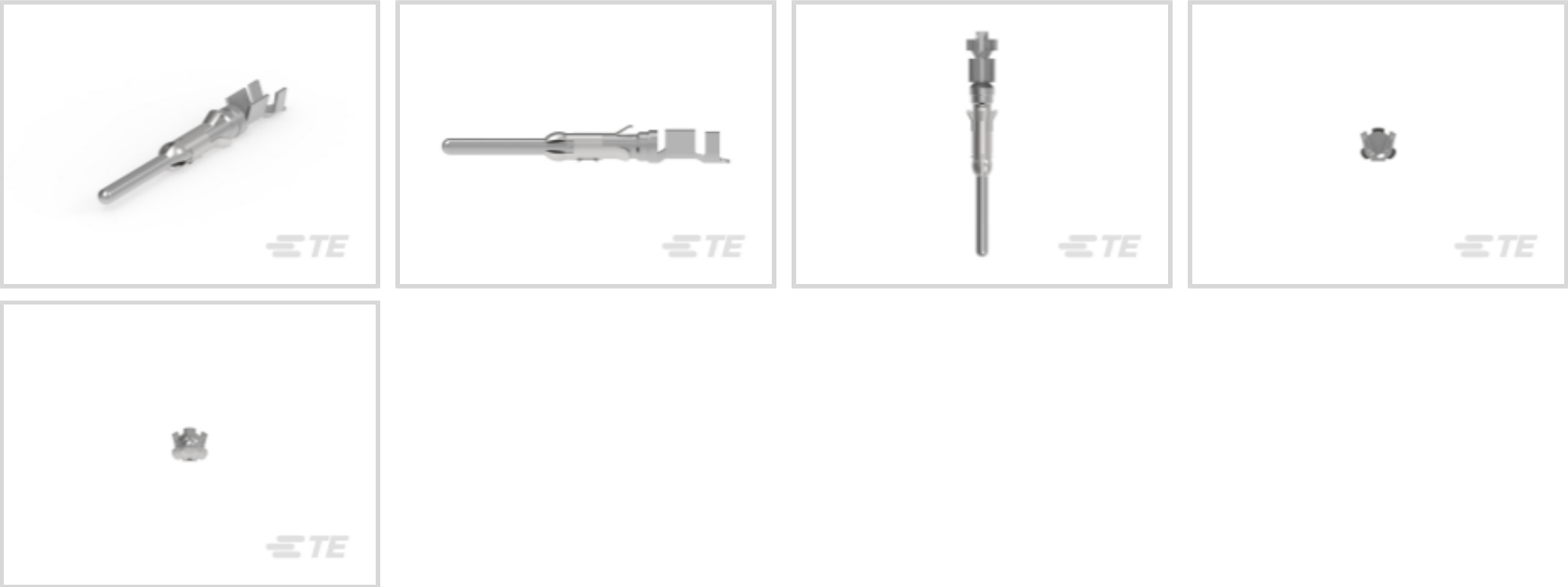




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

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	1.02 µm[40 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	1.02 µm[40 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Type	Pin
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	Phosphor Bronze
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	2.01 – 2.49 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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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 # 5-2151023-2
OCEAN_2.0_Applicator-S-080F120O-RSA

TE Part # 2151023-2
OCEAN_2.0_Applicator-S-080F120O-RSA

TE Part # 5-2151023-1
OCEAN_2.0_Applicator-S-080F120O-RSM

TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

TE Part # 2151023-1
OCEAN_2.0_Applicator-S-080F120O-RSM

TE Part # 7-2151023-7
OCEAN_2.0_SPARE_PART_KIT-080F120O

Also in the Series | AMP Type III+

Connector Contacts(365)

Insertion & Extraction Tools(4)

Power Contacts(365)

Customers Also Bought





TE Part #5-160526-7
FF 250 REC 0.5-1.5MM2 TPBR



TE Part #1586860-1
06P UMNL CAP HSG, GW



TE Part #HD34-24-31SE-059
REC,31P,AL,E, CBL CLMP BT, DRAIN, 16,S,MC



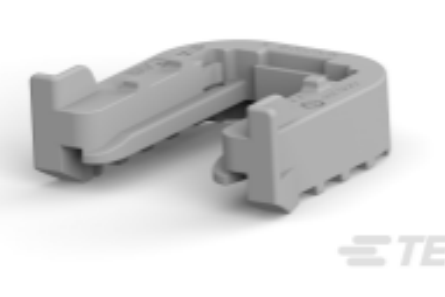
TE Part #HDP26-18-14SE-L015
PLG, 14P, BLK, E, THD, 16, S



TE Part #2329388-9
PB OFF/ON FC RED M1 TERM GRE LED IP68 50



TE Part #925076-3
4W CIRCULAR MATE-N-LOK SOCKET HSG BLK



TE Part #1670720-5
SLIDE, TAB HSG GROUP C



TE Part #1-1644055-2
UMNL 6 WAY PLUG HOUSING



TE Part #1-968875-1
AMP MCP 2.8, CONTACT SWS (LP)

TE Part #K1070513
Schlagschalter (Hauptantr) 06-63-410

Documents

Product Drawings
062 PIN ASS. TYP3+

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_163766-1_AT.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_163766-1_AT.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_163766-1_AT.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

163766-1

Pin Contact, Tin (Sn), Size 16 Contact Size, 18 – 15 AWG, .75 – 1.5 mm² Wire, Crimp, Phosphor Bronze, Power & Signal, AMP Type III+



Product Specification

English