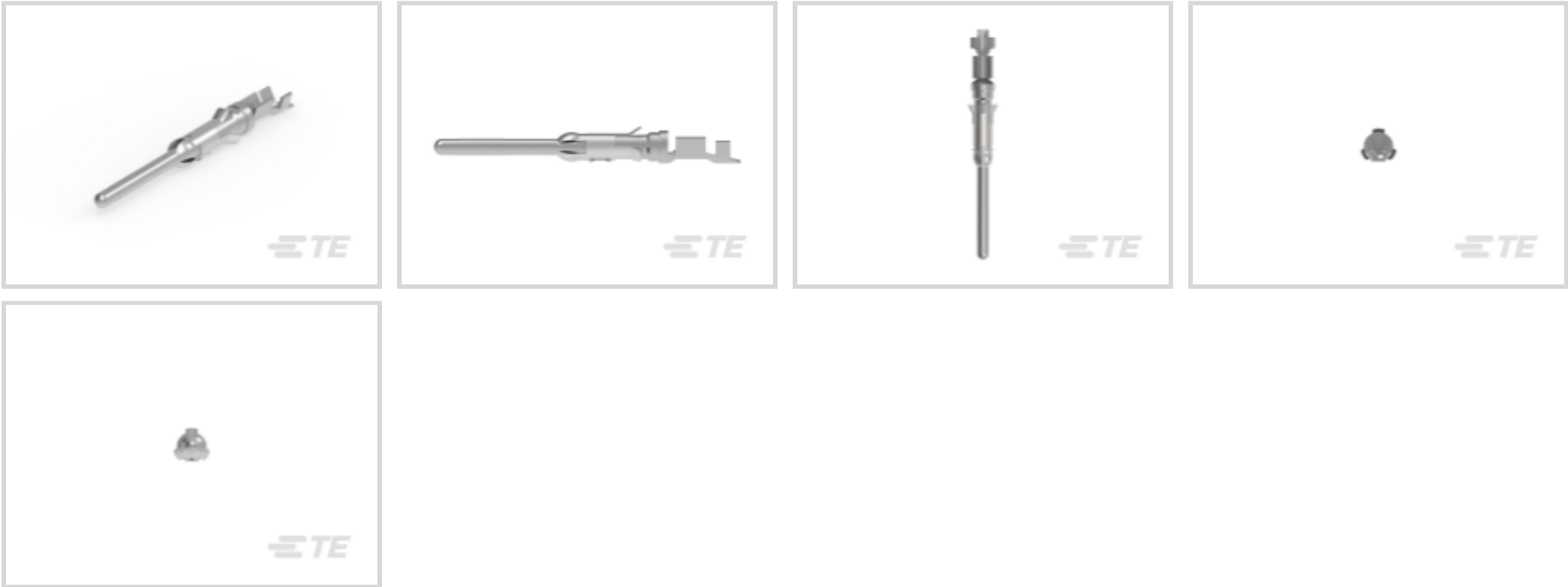




Connectors > Contacts > Connector Contacts



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	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	200
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 # 5-2151016-2 OCEAN_2.0_APPLICATOR-S-062F090O-RSA	 TE Part # 208488-3 CMC PLUG ASSEMBLY,SZ 22	 TE Part # 211766-1 CPC PLUG ASSEMBLY SIZE 17-9	 TE Part # 211772-1 CPC PLUG ASSEMBLY SIZE 23-19
 TE Part # 213852-1 CPC PLUG ASSEMBLY SIZE 23-19	 TE Part # 208714-2 CMC PLUG ASSEMBLY,SZ 14-7	 TE Part # 206060-1 CPC PLUG ASSEMBLY SIZE 11-4	 TE Part # 206305-1 CPC PLUG ASSEMBLY SIZE 23-37
 TE Part # 206554-1 CPC PLUG ASSEMBLY SIZE 17-16	 TE Part # 208720-1 PLUG ASSY,SZ 14,CMC	 TE Part # 208470-3 CMC PLUG ASSEMBLY,SZ 28	 TE Part # 1977887-1 PLUG.ASSY,23-37STD SEX THRD AD, UV RESIS
 TE Part # 788153-2 SLD CPC PLUG ASSY,11-4,REV SEX	 TE Part # 305183 EXTRACT TOOL TYPE 2 20-16	 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 # 1977884-1
SLD CPC PLUG ASSY,13-9,STD SEX,
UV RESIS

TE Part # 213851-1
CPC PLUG ASSEMBLY SIZE 23-24

TE Part # 208714-1
CMC PLUG ASSEMBLY,SZ 14-7

TE Part # 208457-3
CMC PLUG ASSEMBLY,SZ 28-24

Also in the Series | AMP M Series

Board-to-Board Jumpers & Shunts(5)

Connector Caps & Covers(14)

Connector Hardware(47)

Connector Strain Relief(13)

PCB Headers & Receptacles(9)

Rack & Panel Connectors(1)

Rectangular Power Connectors(82)

Wire-to-Board Headers & Receptacles
(1)

Customers Also Bought

TE Part #3-1415543-3
SR6V6K18

TE Part #164161-9
.062 PIN ASSY.3+

TE Part #3-1437603-8
DPS9131AK=1-2-4-8 BCD CODE

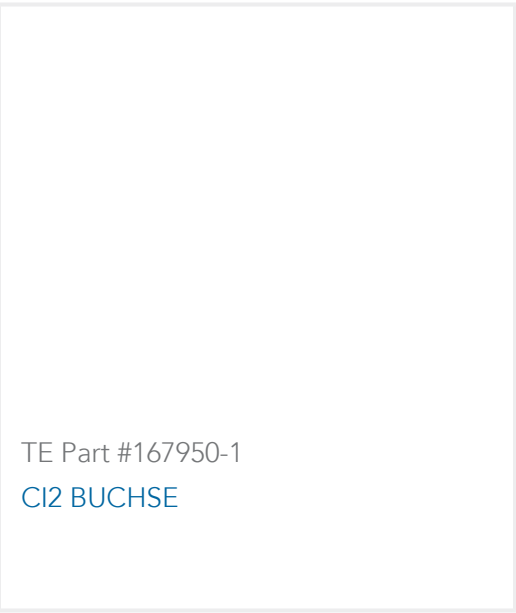
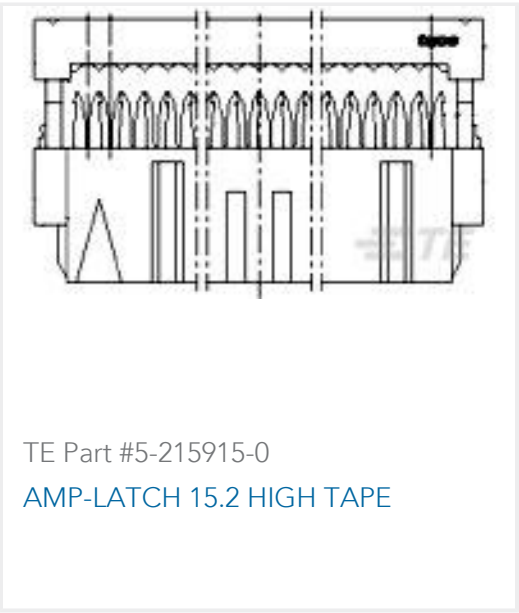
TE Part #2-66102-5
III+ PIN,24-20,TIN ,STRIP

TE Part #164840-2
062 M SRS.SOCKET 3+

TE Part #163767-4
062 SOC.ASS.TYPE 3+

TE Part #2-111506-4
040 UNIV I/O 30DP SLOT LTCH

TE Part #164164-2
PIN ASS



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_164160-3_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_164160-3_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_164160-3_P.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Signal Contacts

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Product Specifications

Application Specification

English