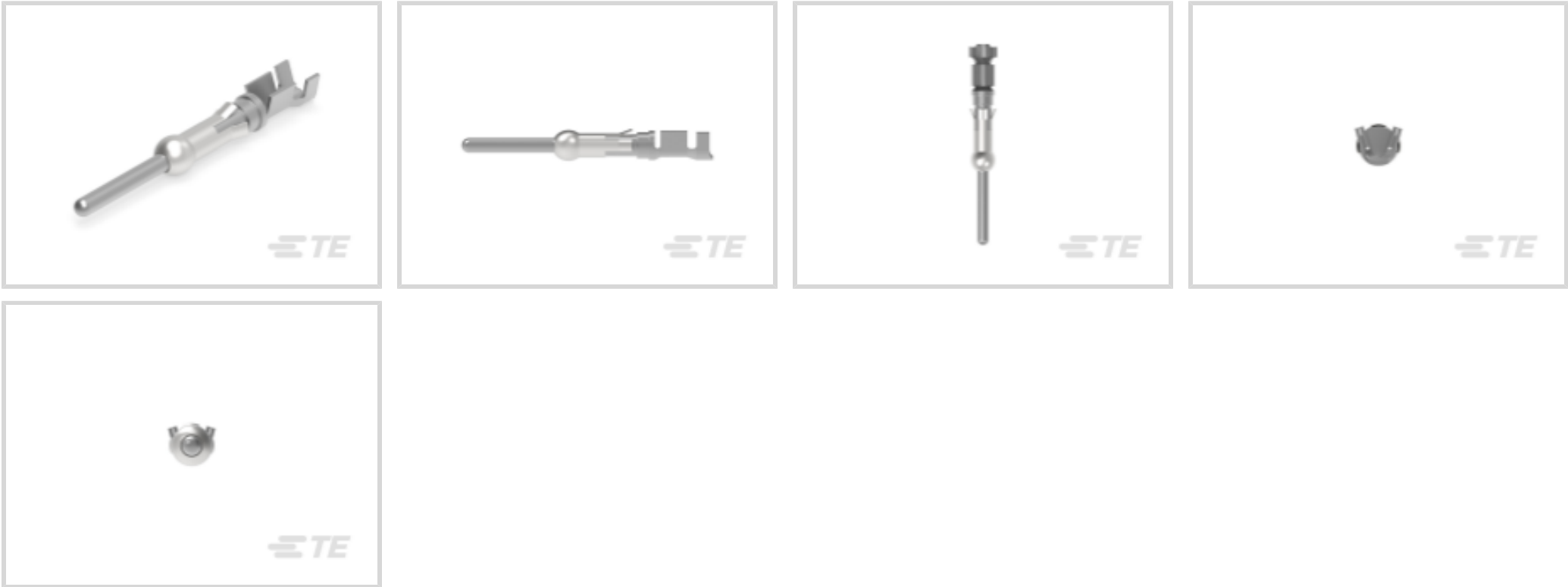




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Tin (Sn)**
Wire Contact Termination Area Plating Material: **Tin-Lead**
Contact Retention Within Housing: **With**
Contact Retention Type Within Housing: **Locking Spring**

Features

Product Type Features

Discrete Wire Type	Solid or Stranded
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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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	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Round
Contact Length	27.1 mm[1.067 in]
Contact Mating Area Length	9.91 mm[.39 in]



Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Barrel Type	Open
Contact Type	Pin
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin-Lead
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
Contact Retention Type Within Housing	Locking Spring

Dimensions

Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]
Wire Size	.8 – 1.4 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	4000
Packaging Method	Reel

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	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)
SVHC > Threshold:
Pb (13% in 4690948374)
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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

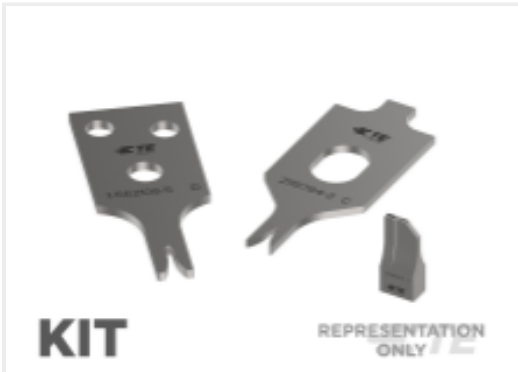
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-305183-1 EXTRACT TOOL MATE-N-LOK P	 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 # 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



KIT
TE Part # 7-2151023-7
OCEAN_2.0_SPARE_PART_KIT-080F1200



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(260)



Insertion & Extraction Tools(4)



Power Contacts(260)

Also in the Series | Circular Plastic Connectors Series 1



Circular Power Connectors(211)



Connector Contacts(260)



Power Contacts(260)

Customers Also Bought



TE Part #1-1879417-3
CPF 0603 560K 0.1% 25PPM 1K RL

TE Part #183077-1
FREE HANG.17-16STD.SEX SRS 1

TE Part #1-87233-5
15 MODII HDR SRRA UNSHRD .100

TE Part #2-2176372-6
RQ 0603 90K9 0.1% 10PPM 5K RL

TE Part #66102-7
III+ PIN,24-20,TIN-LEAD,STRIP

TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals

TE Part #2314578-1
R/A HEADER, MULTI-BEAM XLE, VITA 62

TE Part #380598-1
RCR AU-SPR AU-CUP 018-040

TE Part #172509-1
MIC CAP HSG 17P MK II

Documents

Product Drawings

III+ PIN,18-16,TIN-LEAD,STRIP

English

CAD Files

Customer View Model

ENG_CVM_66098-7_AE.3d_igs.zip

English

Customer View Model

ENG_CVM_66098-7_AE.3d_stp.zip

English

Customer View Model

ENG_CVM_66098-7_AE.2d_dxf.zip

English

3D PDF

English

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_66098-7_AP.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66098-7_AP.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66098-7_AP.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

Japanese

[Instruction Sheet \(U.S.\)](#)

English