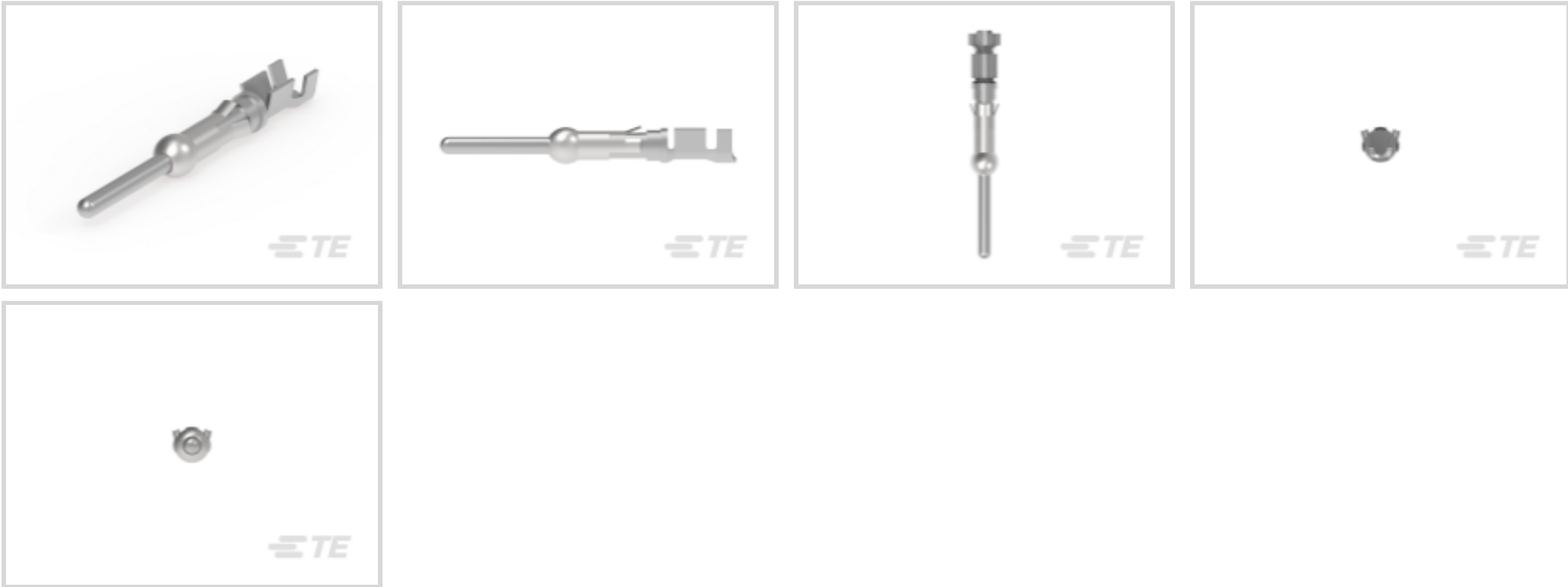




Connectors > Contacts > Connector Contacts



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: **Snap-In**

Features

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
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
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
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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Snap-In

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	100
Packaging Method	Box, Loose Piece

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 # 58495-2 PROCRIMPER DIE ASSY MULTIMATE	 TE Part # 539972-1 EXTRACTION TOOL	 TE Part # 91505-1 CCII TYPE III+ 24-16 ASSY	 TE Part # 58495-1 PRO CRIMPER ASSY MULTIMATE
 TE Part # 200893-2 INSERTION TOOL CONT	 TE Part # 91523-1 CCII TYPE III+ PIN SKT 24-16 ASSY	 TE Part # 169400 CERTI-LOK FRAME W/O DIES	 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)
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Also in the Series | Circular Plastic Connectors Series 1



Circular Power Connectors(211)



Connector Contacts(260)



Power Contacts(260)

Customers Also Bought



TE Part #YDTS20T17-06PNV001
RECP ASSY



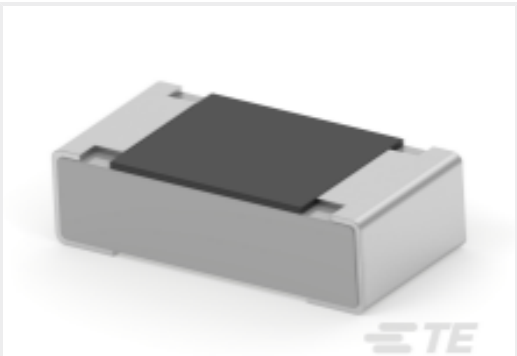
TE Part #1445421-1
REC,8-4,FLNG MT,SM INS,STD KEY



TE Part #5748271-3
FEMALE SCREWLOCK KIT



TE Part #1-480424-0
04P CMNL PLUG HSG F/H NATL



TE Part #2176340-4
CRGCQ 0603 3R3 5%



TE Part #183040-1
CPC SQ.FL.RCPT STD SEX SIZE



TE Part #5-2176088-3
RP 1J 0.166W 3K09 0.1% 25PPM 1K RL



TE Part #EEC-325X4A-E016
ENCLOSURE, 3.25 X 4, CLR, VENT



TE Part #YDTS20T11-02SAV001
RECP ASSY



TE Part #YDTS20T13-04SAV001
RECP ASSY

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_1-66099-2_AE.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-66099-2_AE.3d_igs.zip](#)

1-66099-2

Pin Contact, Tin (Sn), Snap-In Contact Retention, Size 16 Contact Size, 18 – 16 AWG, .
8 – 1.4 mm² Wire, Crimp, Brass, Power & Signal, AMP Type III+



English

Customer View Model

[ENG_CVM_CVM_1-66099-2_AE.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

Instruction Sheets

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

Japanese

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

English