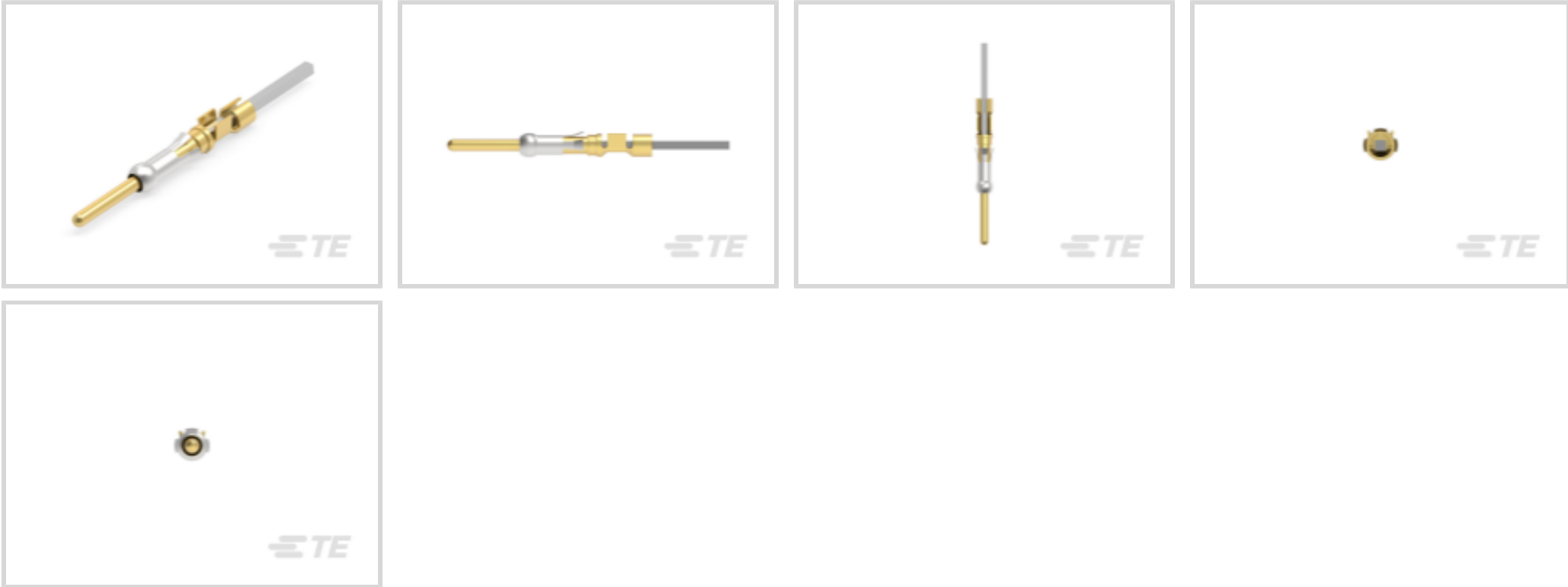




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold**

Wire Contact Termination Area Plating Material: **Tin-Lead**

Contact Size: **Size 16**

Wire Size: **24 AWG**

Features

Contact Features

Mating Pin Diameter	1.6 mm[.063 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Shape & Form	Square
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Pin
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A

Termination Features



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

Mechanical Attachment

Wire Insulation Support	Without
-------------------------	---------

Dimensions

Wire Size	.2 mm²
-----------	--------

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Packaging Features

Packaging Quantity	1000
Packaging Method	Carton

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	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (13% in Component Part) 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 # 66471-1
PIN,.062 DIA,.045 SQ POST,LP

TE Part # 1-305183-1
EXTRACT TOOL MATE-N-LOK P

Also in the Series | AMP Type III+

Connector Contacts(409)

Insertion & Extraction Tools(4)

Customers Also Bought

TE Part #3-5174682-7
AMPLIMITE.050 PLUG ASS'Y (H) 68P
PB-FREE

TE Part #2-2176050-4
RLP73N 1E R47 5% 5K RL

TE Part #2-1879207-1
RN 0603 324K 0.1% 10PPM 5K RL

TE Part #2176307-1
RP 1E 0.1W 12K4 0.1% 25PPM 5K RL

TE Part #2176308-3
RP 1E 0.1W 140K 0.1% 25PPM 5K RL

TE Part #2320923-1
AS16,PLUG ASSY,HT,.06P,N SEAL,
CODE A

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

TE Part #9-2370706-1
CU ALLOY,SHIELD ASSY,HDR,DATA
DT



Documents

Product Drawings

PIN,.062 DIA,.045 SQ POST,LP

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_66471-7_V.3d_igs.zip

English

Customer View Model

ENG_CVM_66471-7_V.3d_stp.zip

English

Customer View Model

ENG_CVM_66471-7_V.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66471-7_AK.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_66471-7_AK.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66471-7_AK.3d_stp.zip

English

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

Datasheets & Catalog Pages

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Instruction Sheets

Instruction Sheet (U.S.)

English

66471-7

Pin Contact, Gold, Size 16 Contact Size, 24 AWG Wire Size, .2 mm² Wire Size, Wire Wrap, Brass, Power & Signal, AMP Type III+



Autowire Contacts and Connectors

English