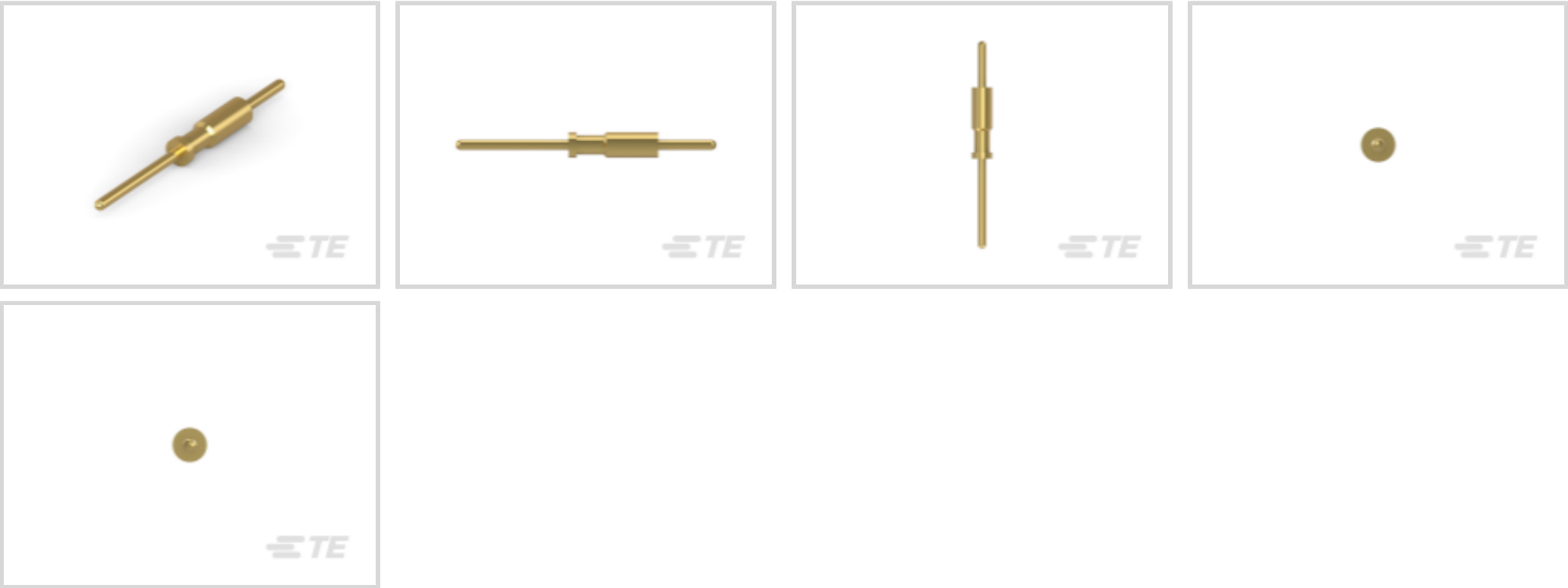




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold (Au)**

Operating Voltage: **250 VDC**

Contact Retention Within Housing: **With**

Features

Product Type Features

Sealable	No
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Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

PCB Contact Termination Area Plating Material Thickness	.76 µm[30 µin]
PCB Contact Termination Area Plating Material	Gold
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Contact Retention Within Housing	With
Contact Size	Size 20
Contact Base Material	Brass Alloy
Contact Current Rating (Max)	5 A
Mating Pin Diameter	1.02 mm[.04 in]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel



Contact Underplating Material Thickness	1.06 µm[40 µin]
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Termination Features

Termination Method to PCB	Through Hole - Solder
Product Terminates To	Printed Circuit Board

Mechanical Attachment

Wire Insulation Support	Without
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Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Cd (.2% in Component) Pb (3.7% in Component) Article Safe Usage Statements: Use personal protective equipment as required. 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 < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not lead free process capable

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 # 1648382-1

708-68-01109=CONTACT,SKT,#20

Customers Also Bought



TE Part #87227-3

06 MODII HDR DRST UNSHRD .100



TE Part #5-103908-4

05 MTE HDR SRST LATCH W/HLDWN



TE Part #5-146085-1

10 SYSTEM 50 HDR SRST SHRD SN



TE Part #390088-3

BLUE HSG WITH 30AU CONTACT



TE Part #5-1375583-1

02 MTE VERTICAL SMT HDR 30 AU



TE Part #1648203-1

297-08-01100=SA CONN,PIN



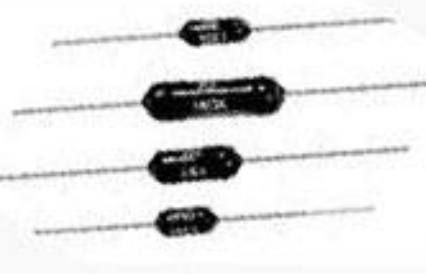
TE Part #1650283-1

707-06-02109=CONTACT,PIN,#20



TE Part #1825059-5

ADF02ST04=DIP SWT,FLUSH,SMT-GW



TE Part #3-1879627-8

H4P 360R 1% 100PPM



TE Part #1-5747301-6

37 RCPT SP/FMS SCRLK



Documents

Product Drawings

707-80-02109=CONTACT,PIN,#20,P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1650230-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1650230-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1650230-1_B.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