1650283-1 ✔ ACTIVE

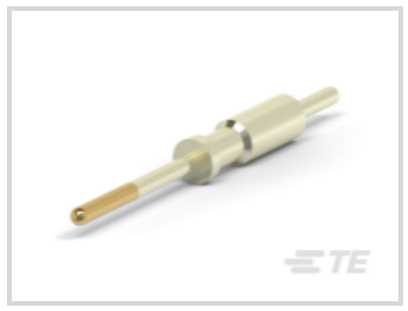
ELCON | ELCON Drawer

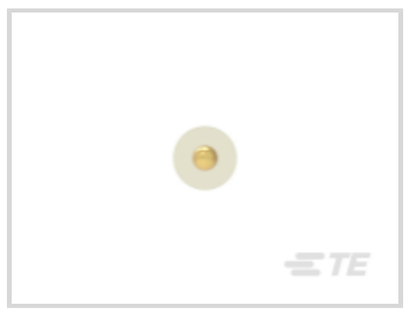
TE Internal #: 1650283-1

Pin Contact, Gold, Size 20 Contact Size, 24 - 20 AWG Wire Size, Copper, Power, -67 - 221 °F [-55 - 105 °C], ELCON Drawer

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold**

Contact Retention Within Housing: **Without**

Contact Size: **Size 20**

Wire Size: **24 - 20 AWG**

Features

Contact Features

PCB Contact Termination Area Plating Material Thickness	.76 µm[30 µin]
Mating Pin Diameter	1.02 mm[.04 in]
Contact Underplating Material Thickness	1 µm[40 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold
Contact Type	Pin
Contact Mating Area Plating Material	Gold
Contact Retention Within Housing	Without
Contact Size	Size 20
Contact Base Material	Copper
Contact Current Rating (Max)	5 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder

Product Terminates To	Printed Circuit Board

Mechanical Attachment

Wire Insulation Support	Without

Dimensions

Wire Size	24 - 20 AWG

Usage Conditions

Operating Temperature Range	-55 - 105 °C[-67 - 221 °F]

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Quantity	1000
Packaging Method	Tray

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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (3.7% 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 # 1648382-1
708-68-01109=CONTACT,SKT,#20



TE Part # 1648358-1
708-0130-01109

Also in the Series | ELCON Drawer



Connector Contacts(35)



Connector Hardware(2)



Rectangular Power Connectors(32)

Customers Also Bought



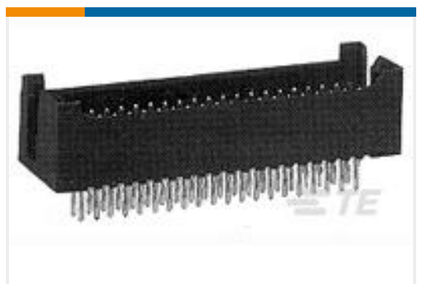
TE Part # 6609049-2
3VQ3=F7266 S0



TE Part # 5520258-3
M/JTOP6P/6CPNL STOPSTRAY P



TE Part # 1648325-1
702-92-01109=CONTACT,SKT,#20



TE Part # 5-102567-1
12 MODII 2PC HDR DR SHRD .100, ROHS



TE Part # 6648400-1
CONTACT,SKT



TE Part # 1766262-1
CONTACT,PIN,#8,PC



TE Part # 1-2176372-8
RQ 0603 75K 0.1% 10PPM 5K RL



TE Part # 1054869-1
2084 0000 02



TE Part # ANT-418-MHW-RPS-L
Antenna 418MHz Dipole MHW Long RPS

Documents

Product Drawings

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

English

CAD Files

Customer View Model

ENG_CVM_CVM_1650283-1_G.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1650283-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1650283-1_G.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED

English

AMP & ELCON Power Connector Layout Forms Datasheet 6-1773444-7

English

Product Specifications

Application Specification

English