

1766232-1 ✓ ACTIVE

ELCON | ELCON Drawer

TE Internal #: 1766232-1

Pin Contact, Silver (Ag), Size 4 Contact Size, Crimp, Copper Alloy,
Power, -55 – 105 °C [-67 – 221 °F], ELCON Drawer

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Silver (Ag)**

Wire Contact Termination Area Plating Material: **Silver**

Contact Retention Within Housing: **Without**

Contact Size: **Size 4**

Features

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	6.35 mm[.25 in]
Contact Underplating Material Thickness	1 µm[40 µin]
Contact Mating Area Plating Material Thickness	5 µm[200 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	5.08 µm[200 µin]
Contact Type	Pin
Contact Mating Area Plating Material	Silver (Ag)
Wire Contact Termination Area Plating Material	Silver
Contact Retention Within Housing	Without
Contact Size	Size 4
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	125 A

Termination Features



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

Mechanical Attachment

Wire Insulation Support	Without
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	250
Packaging Method	Bag

Product Compliance

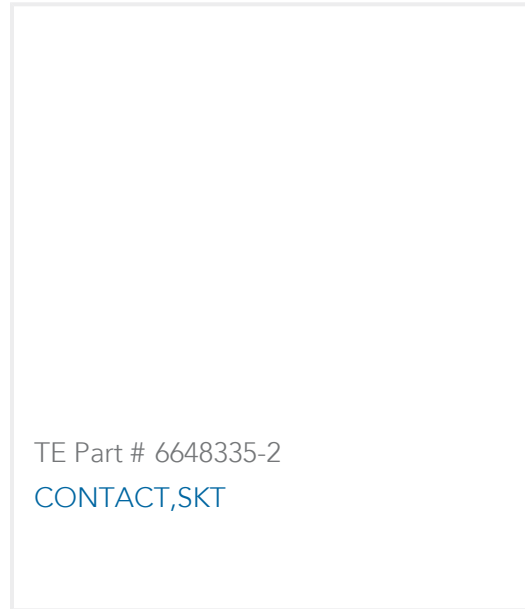
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No 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) Does not contain REACH SVHC
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 # 6648335-2
CONTACT,SKT



TE Part # 6648435-1
CONTACT,SKT,SIZE #4



TE Part # 6648434-1
CONTACT,SKT,SIZE 1/4 (712-81-01107)

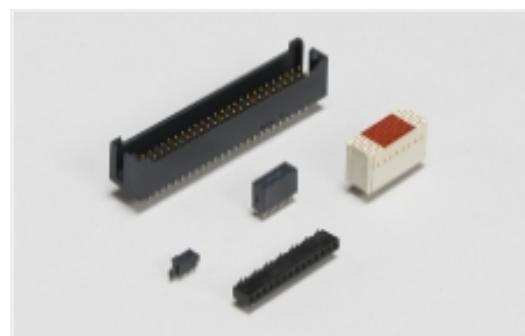


TE Part # 1643922-1
713-19-00100=REMOVAL TOOL,#4



TE Part # 6648335-1
CONTACT,SKT

Also in the Series | ELCON Drawer



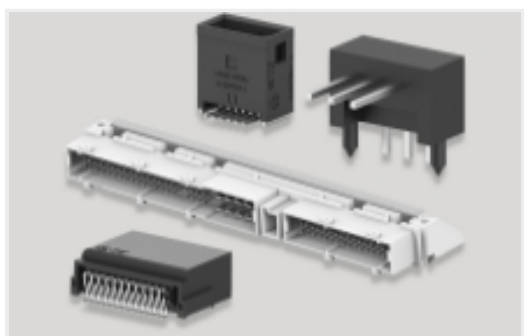
Board-to-Board Headers &
Receptacles(25)



Connector Contacts(34)



Connector Hardware(1)



PCB Headers & Receptacles(25)



Power Contacts(34)



Rectangular Connector Housings(1)



Rectangular Power Connectors(24)

Customers Also Bought



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



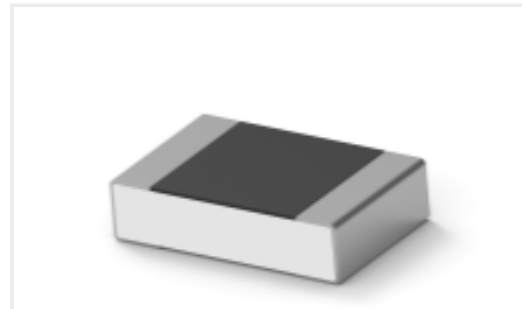
TE Part #1648168-1
262-0007-01100



TE Part #2-1614894-1
CPF 0805 287K 0.1% 25PPM 1K RL



TE Part #6648434-1
CONTACT,SKT,SIZE 1/4 (712-81-01107)



TE Part #3-2176377-3
RQ 0805 287K 0.1% 10PPM 1K RL



TE Part #1766193-1
CONTACT,PIN,SIZE #12



TE Part #2132781-3
03P EP-II HOUSING, NATURAL



TE Part #1650155-1
701-14-02109=CONTACT,PIN,#20



TE Part #2423898-1
Conn G SNG 5015 Shell 18



TE Part #1648162-1
261-0006-01100

Documents

Product Drawings

[CONTACT,PIN, .25 DIA](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1766232-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1766232-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1766232-1_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages



[POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED](#)

English

[AMP & ELCON Power Connector Layout Forms Datasheet 6-1773444-7](#)

English

[1-1773875-1_FORGE_DRAWER_CONNECTORS_CN](#)

[CORCOM_DB_SERIES](#)

English

[3-1773463-3_FORGE_DRAWER_CONNECTORS](#)

English

[Product Specifications](#)

[Application Specification](#)

English