

Connectors > Contacts > Connector Contacts

Contact Type: **Socket**Contact Mating Area Plating Material: **Gold**Contact Retention Within Housing: **Without**Contact Size: **Size 8**Contact Base Material: **Copper**

Features

Contact Features

PCB Contact Termination Area Plating Material Thickness	5.08 - 7.62 µm[200 - 300 µin]
Mating Pin Diameter	3.6 mm[.142 in]
Contact Underplating Material Thickness	1 µm[40 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Silver
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Contact Retention Within Housing	Without
Contact Size	Size 8
Contact Base Material	Copper
Contact Current Rating (Max)	75 A

Termination Features

Termination Method to Printed Circuit Board

Through Hole - Solder

Product Terminates To

Printed Circuit Board

Mechanical Attachment

Wire Insulation Support

Without

Usage Conditions

Operating Temperature Range

-55 - 105 °C [-67 - 221 °F]

Operation/Application

Circuit Application

Power

Packaging Features

Packaging Quantity

250

Packaging Method

Bag

Product ComplianceFor 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: JUNE 2023 (235)
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>

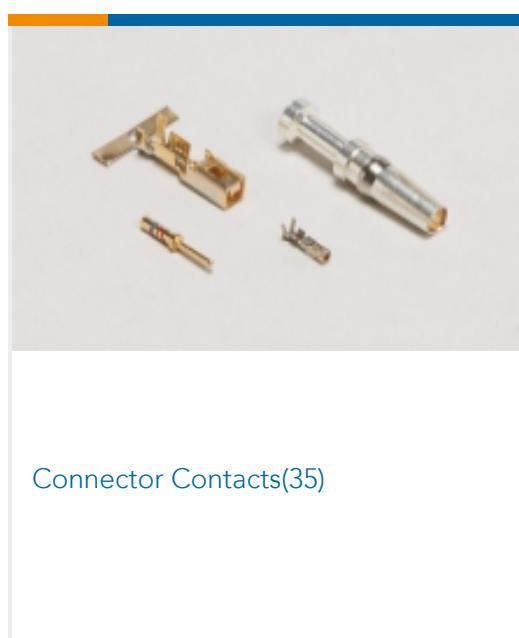
Compatible Parts



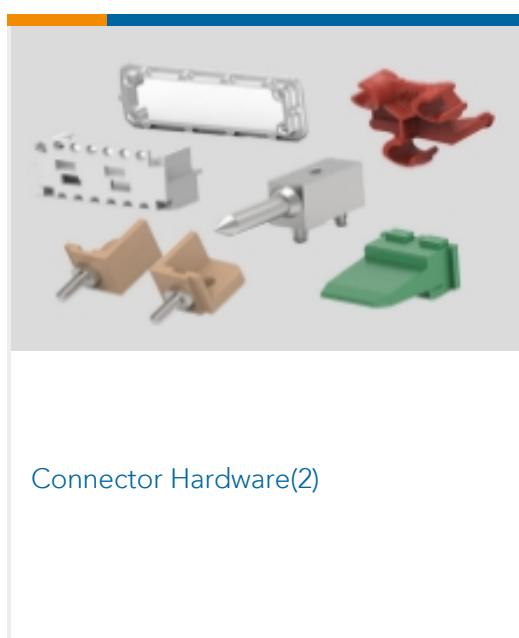
TE Part # 1766262-1
CONTACT,PIN,#8,PC

Also in the Series

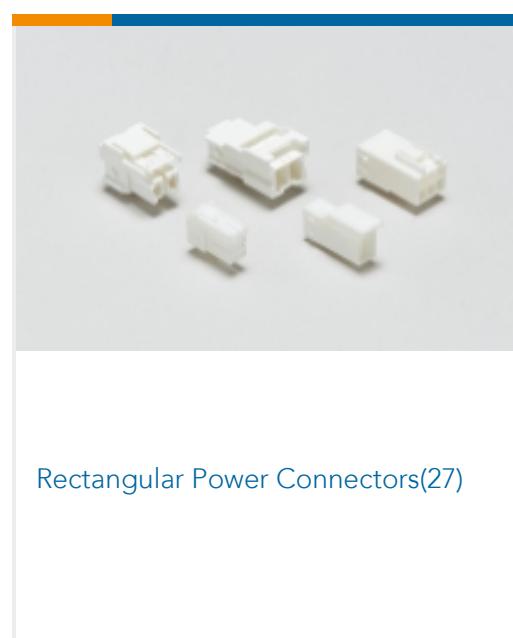
ELCON Drawer



Connector Contacts(35)

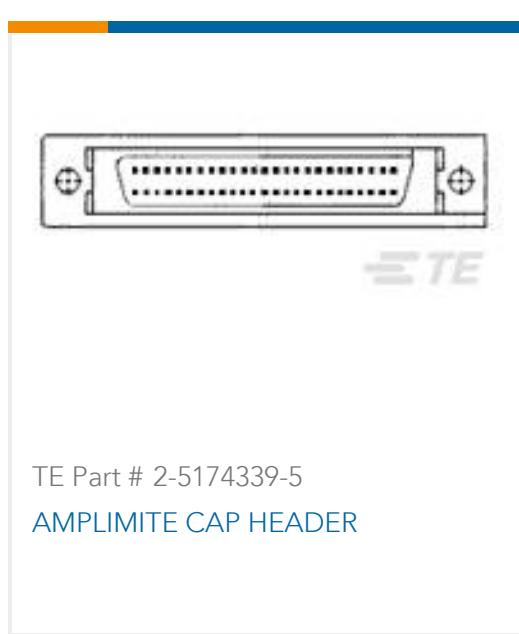


Connector Hardware(2)

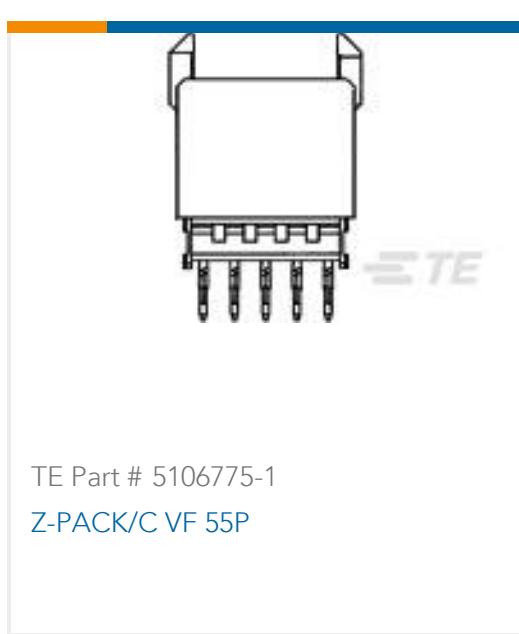


Rectangular Power Connectors(27)

Customers Also Bought



TE Part # 2-5174339-5
AMPLIMITE CAP HEADER



TE Part # 5106775-1
Z-PACK/C VF 55P



TE Part # 5-2176459-1
SMD Power Resistor: 7 Watt, 0.10-500
Ohm



TE Part # 1650283-1
707-06-02109=CONTACT,PIN,#20



TE Part # 6648405-1
CONTACT,SKT,SIZE #0



TE Part # 3-1676481-3
CPF 0603 120R 0.1% 25PPM 1K RL



TE Part # 1648157-1
242-28-01100



TE Part # 4-2176452-1
CPF 0201 1K4 0.1% 25ppm 1K RL

Documents

Product Drawings

CONTACT,SKT

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_6648400-1_A.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_6648400-1_A.3d_jgs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_6648400-1_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

Product Specifications

[Application Specification](#)

English