66461-8 ✔ ACTIVE

AMP | AMP M Series

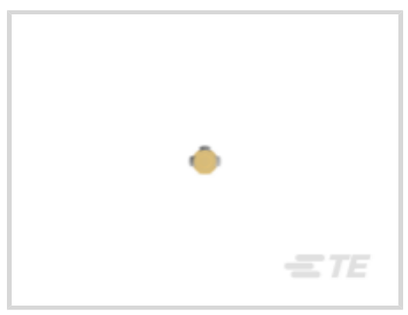
TE Internal #: 66461-8

Gold (Au), Socket Contact, 32 AWG, .03 mm² Wire, Size 16, Wire Wrap, Brass, Power & Signal, -55 – 150 °C [-67 – 302 °F], AMP M Series

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

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

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

Contact Size: **Size 16**

Wire Size: **32 AWG**

Features

Contact Features

Contact Shape & Form	Square
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A
Mating Pin Diameter	1.57 mm[.062 in]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without

Dimensions

Wire Size	.03 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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (13% in 4690971273) **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 < 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 # 66461-9
SKT,.062 DIA,.025 SQ POST,LP

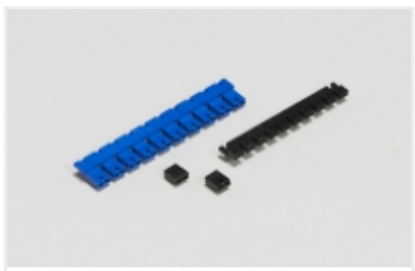


TE Part # 66461-7
SKT,.062 DIA,.025 SQ POST,LP



TE Part # 539972-1
EXTRACTION TOOL

Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(4)



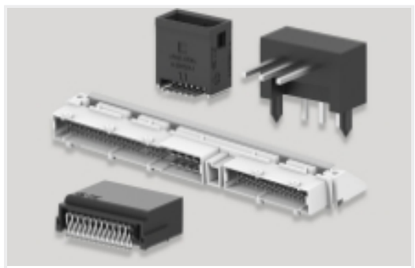
Connector Caps & Covers(14)



Connector Contacts(51)



Connector Strain Relief(13)



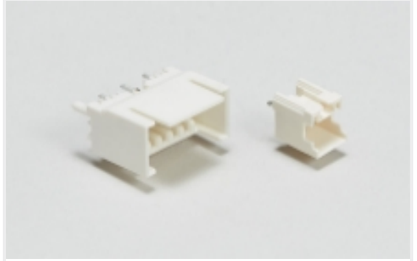
PCB Headers & Receptacles(9)



Rack & Panel Connectors(1)

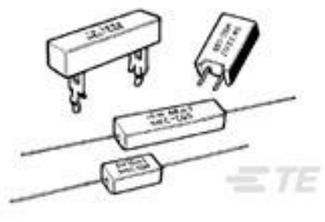


Rectangular Power Connectors(82)



Wire-to-Board Headers & Receptacles (1)

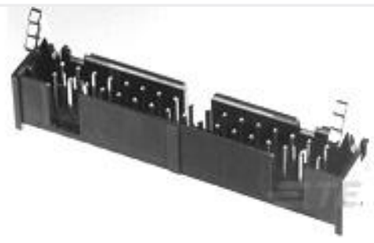
Customers Also Bought



TE Part #1623785-7
SQM10 75R 5% (WIRE)



TE Part #1624048-2
SC30-10-2505-10 0.22UH AMMO 1000



TE Part #1-1761608-3
IDC LOW PRO HDR 40P VERT SHT L



TE Part #1761685-7
IDC LOW PRO HDR 20P VERT SHT LAT



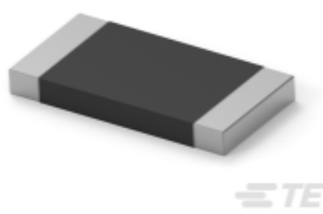
TE Part #4-1879224-3
CPF 0603 8K45 0.1% 25PPM 1K RL



TE Part #2007088-3
CONNECTOR ASSEMBLY, SEC II POW



TE Part #5-2176070-9
3521 2K7 1% 2W



TE Part #3-2176422-2
TLRP 2512 3.0W R050 1% 25PPM 4K RL



TE Part #6648374-1
CONTACT,SKT,SIZE #12



TE Part #1878651-5
QC101

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_66461-8_BV.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_66461-8_BV.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_66461-8_BV.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

Autowire Contacts and Connectors

English