6-66460-5 ✔ ACTIVE

AMP | AMP Type III+

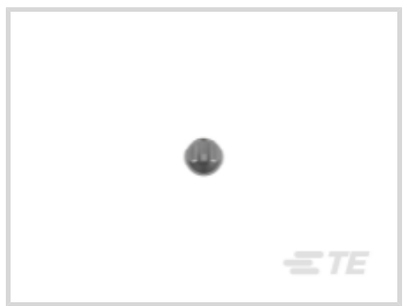
TE Internal #: 6-66460-5

Pin Contact, Tin, Size 16 Contact Size, 32 AWG Wire Size, .03 mm² Wire Size, Wire Wrap, Brass, Power & Signal, AMP Type III+

View on TE.com >

Connectors > Contacts > Connector Contacts




Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin**

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

Contact Size: **Size 16**

Wire Size: **32 AWG**

Features

Mechanical Attachment

Wire Insulation Support	Without

Packaging Features

Packaging Quantity	1000
Packaging Method	Carton

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1.6 mm[.063 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Shape & Form	Square
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Contact Type	Pin

Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A

Termination Features

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

Dimensions

Wire Size	.03 mm²

Usage Conditions

Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]

Operation/Application

Circuit Application	Power & Signal

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 5-66461-4
SKT,.062 DIA,.025 SQ POST,LP



TE Part # 6-66460-6
PIN,.062 DIA,.025 SQ POST,LP

Also in the Series | AMP Type III+



Connector Contacts(397)



Insertion & Extraction Tools(4)

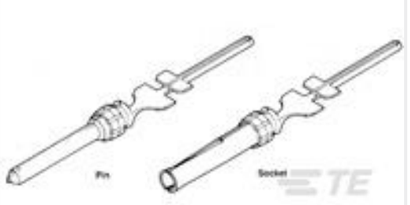
Customers Also Bought



TE Part #3-641216-9
PCB Header: Polyester, Right Angle, Unshrouded



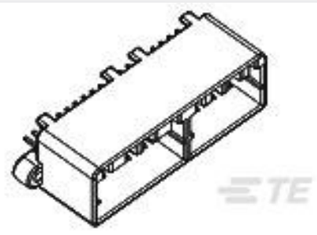
TE Part #5-147105-5
10 MODIV VRT DR SFMNT 30AU



TE Part #5-745287-0
20 DF PIN CONTACT DUPLEX/LP



TE Part #6473418-2
SUPER SEAL 26POS CAP ASSY V AU



TE Part #175977-2
040 MLC CAP ASS'Y V 36P



TE Part #DRC23-40PB-N012
HDR, 40P, BLK, RA, AU/NI/CU, B

TE Part #3-2394033-2
HD-20 PLUG 15P SMT UNC 4-40 THD, W/O STUD



TE Part #2267473-1
SIZE 11 PERIPHERAL SEAL, CPC

TE Part #2267473-4
SIZE 13 PERIPHERAL SEAL, CPC

Documents

CAD Files

3D PDF

English

Customer View Model
ENG_CVM_6-66460-5_AR1.3d_igs.zip

English

Customer View Model
ENG_CVM_6-66460-5_AR1.3d_stp.zip

English

Customer View Model
ENG_CVM_6-66460-5_AR1.2d_dxf.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_6-66460-5_BK.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_6-66460-5_BK.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_6-66460-5_BK.3d_stp.zip

English

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

Datasheets & Catalog Pages

Signal Contacts

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Autowire Contacts and Connectors

English