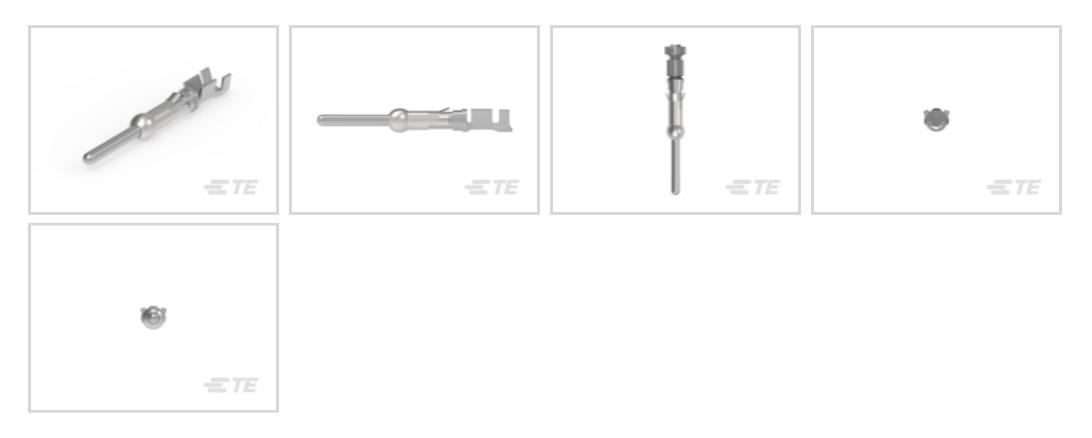
1-66099-6 - ACTIVE

AMP | AMP Type III+ TE Internal #: 1-66099-6 Power Contacts, Contact, Tin, 18 – 16 AWG Wire Size, .8 – 1.4 mm² Wire Size, Wire & Cable, Crimp, Power & Signal, Pin, AMP Type III+ View on TE.com >



Connectors > Power Connectors > Power Contacts



Power Contact Type: Contact

Contact Mating Area Plating Material: Tin

Wire Size: .8 – 1.4 mm²

Connector & Contact Terminates To: Wire & Cable

Features

Product Type Features

| Power Contact Type | Contact |
|---|------------------|
| Connector & Contact Terminates To | Wire & Cable |
| Electrical Characteristics | |
| Test Current | 13 A |
| Contact Features | |
| Contact Shape & Form | Round |
| Contact Mating Area Plating Material | Tin |
| Contact Current Rating (Max) | 13 A |
| Contact Type | Pin |
| Mating Pin Diameter | 1.57 mm[.062 in] |
| Contact Base Material | Brass |
| Contact Mating Area Plating Material Thickness | 2.54 μm[100 μin] |
| Wire Contact Termination Area Plating Thickness | 1.27 μm[50 μin] |
| Wire Contact Termination Area Plating Material | Tin |
| Wire Contact Termination Area Plating Material Finish | Matte |

1-66099-6

Power Contacts, Contact, Tin, 18 – 16 AWG Wire Size, .8 – 1.4 mm² Wire Size, Wire & Cable, Crimp, Power & Signal, Pin, AMP Type III+



| Contact Orientation | Straight |
|---|-----------------------------|
| Contact Underplating Material | Nickel |
| Contact Underplating Material Thickness | 1.27 μm[50 μin] |
| Contact Size | 16 |
| Termination Features | |
| Termination Method to Wire & Cable | Crimp |
| Mechanical Attachment | |
| Wire Insulation Support | With |
| Dimensions | |
| Wire Size | .8 – 1.4 mm ² |
| Accepts Wire Insulation Diameter Range | 2.03 – 2.54 mm[.08 – .1 in] |
| Usage Conditions | |
| Operating Temperature Range | -55 – 90 °C[-67 – 194 °F] |
| Operation/Application | |
| Circuit Application | Power & Signal |
| Packaging Features | |
| Packaging Method | Box |
| | |

Packaging Quantity

100

Other

Wire/Cable Type

For Use With

Discrete Wire

CPC Connectors, G Series Connectors, M Series Connectors

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per |

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Power Contacts, Contact, Tin, 18 – 16 AWG Wire Size, .8 – 1.4 mm² Wire Size, Wire & Cable, Crimp, Power & Signal, Pin, AMP Type III+



homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

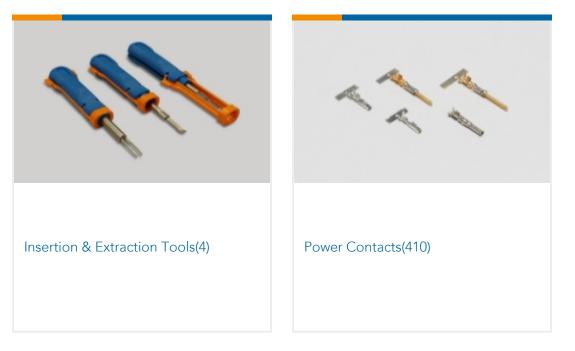
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





Also in the Series | AMP Type III+



1-66099-6

Power Contacts, Contact, Tin, 18 – 16 AWG Wire Size, .8 – 1.4 mm² Wire Size, Wire & Cable, Crimp, Power & Signal, Pin, AMP Type III+



Documents

Product Drawings III+ PIN,18-16,TIN,SMPACK

English

CAD Files

Customer View Model ENG_CVM_CVM_1-66099-6_AE.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66099-6_AE.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66099-6_AE.3d_stp.zip

English

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

Product Specifications Product Specification

English