1-66360-5 ACTIVE

AMP | AMP Type III+, Circular Plastic Connectors Series 1

TE Internal #: 1-66360-5

Socket Contact, Tin-Lead, Size 16 Contact Size, 18 – 14 AWG, .8 – 2 mm² Wire, Crimp, Copper Nickel Alloy, Power & Signal, AMP Type

|||+

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Connectors > Contacts > Connector Contacts











Contact Type: Socket

Contact Mating Area Plating Material: Tin-Lead

Wire Contact Termination Area Plating Material: Tin-Lead

Contact Retention Within Housing: With

Contact Size: Size 16

Features

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	.76 μm[30 μin]
Contact Mating Area Plating Material Thickness	2.54 μm[100 μin]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Thickness	2.54 μm[100 μin]
Contact Mating Area Plating Material Finish	Bright
Contact Type	Socket
Contact Mating Area Plating Material	Tin-Lead
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Copper Nickel Alloy



Contact Current Rating (Max)	13 A
Termination Features	
Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable
Mechanical Attachment	
Wire Insulation Support	With
Dimensions	
Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]
Wire Size	$.8 - 2 \text{ mm}^2$
Wire Size Usage Conditions	$.8-2 \text{ mm}^2$
	.8 – 2 mm ² -55 – 90 °C[-67 – 194 °F]
Usage Conditions	
Usage Conditions Operating Temperature Range	
Usage Conditions Operating Temperature Range Operation/Application	-55 – 90 °C[-67 – 194 °F]
Usage Conditions Operating Temperature Range Operation/Application Circuit Application	-55 – 90 °C[-67 – 194 °F]

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	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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (13% in 4690948374) 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

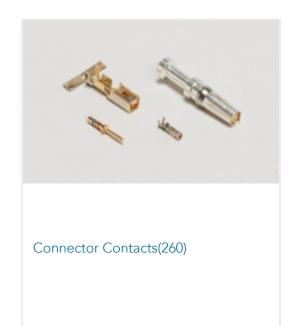


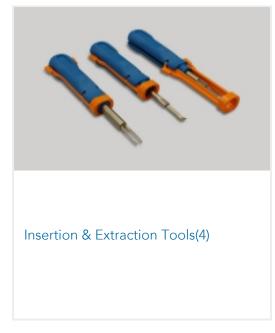


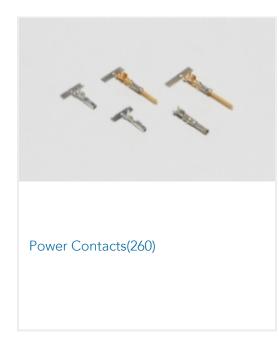




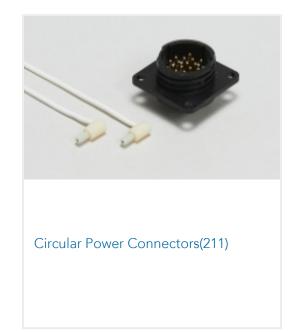
Also in the Series | AMP Type III+

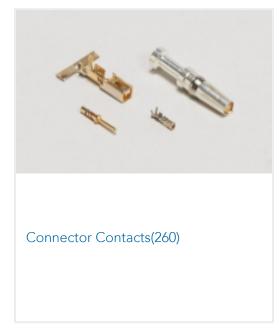


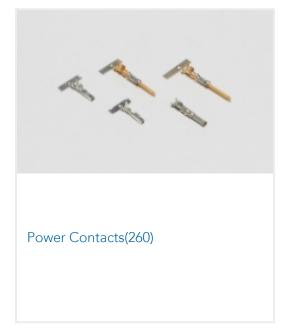




Also in the Series | Circular Plastic Connectors Series 1







Customers Also Bought























Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66360-5_AH.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-66360-5_AH.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66360-5_AH.3d_stp.zip

English

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

Product Specifications

Engineering Report

English