1-163081-7 ACTIVE

AMP | AMP Type III+

TE Internal #: 1-163081-7

Pin Contact, Silver, Size 16 Contact Size, 18 – 16 AWG Wire Size, .75

– 1.5 mm² Wire Size, Crimp, Brass, Power & Signal, AMP Type III+

View on TE.com >



Connectors > Contacts > Connector Contacts











Contact Type: Pin

Contact Mating Area Plating Material: Silver

Wire Contact Termination Area Plating Material: Silver

Contact Retention Within Housing: With

Contact Size: Size 16

Features

Product Type Features

Discrete Wire Type	Stranded
Contact Features	
Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	.76 μm[30 μin]
Wire Contact Termination Area Plating Thickness	1.52 μm[60 μin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	1.52 μm[60 μin]
Contact Mating Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Pin
Contact Mating Area Plating Material	Silver
Wire Contact Termination Area Plating Material	Silver
Contact Retention Within Housing	With
Contact Size	Size 16



Contact Base Material	Brass
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 – 2.5 mm[.078 – .098 in]
Wire Size	.75 – 1.5 mm ²
Usage Conditions	
Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
Operation/Application	
Circuit Application	Power & Signal
Identification Marking	
Contact Color Code	Blue
Packaging Features	
Packaging Quantity	5000
Packaging Method	Reel

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

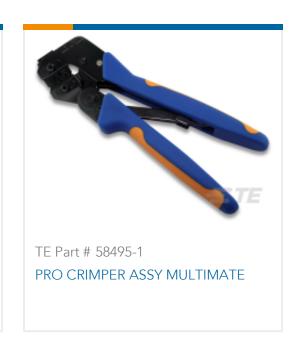
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



















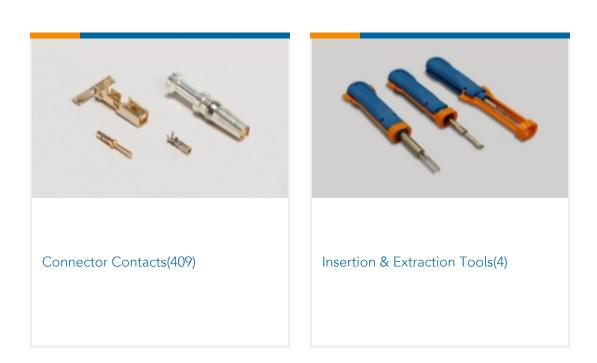


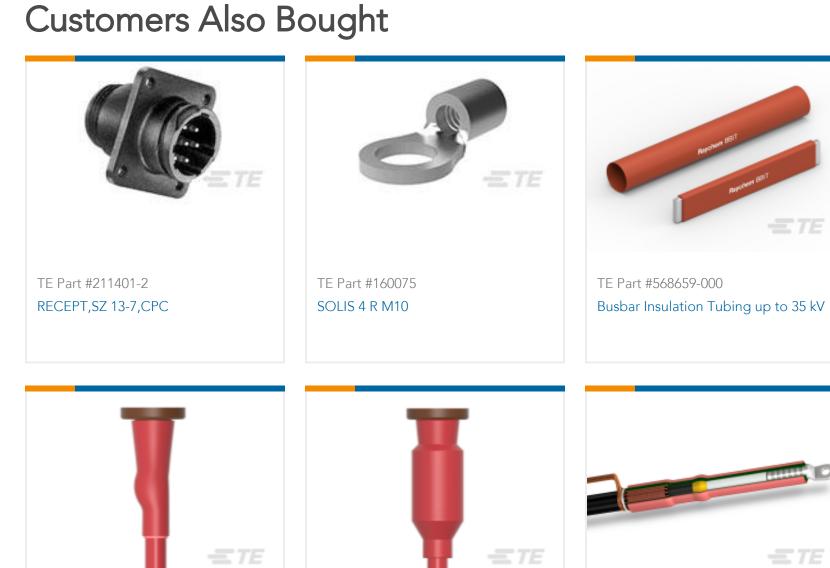




Also in the Series | AMP Type III+



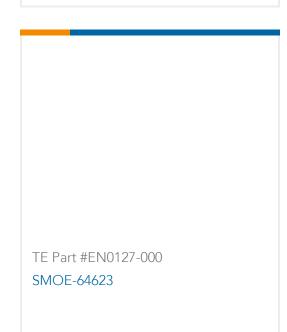




TE Part #322439-003

RCAB-5120





TE Part #398451-000

BPTM-75/30-A/U-4(S20)

Documents

TE Part #174821-011

RSRB-4026

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-163081-7_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-163081-7_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-163081-7_BA.3d_stp.zip

English

Product Specifications

Product Specification

English

Pin Contact, Silver, Size 16 Contact Size, 18 – 16 AWG Wire Size, .75 – 1.5 mm² Wire Size, Crimp, Brass, Power & Signal, AMP Type III+

