163083-2 - ACTIVE

AMP | AMP Type III+

TE Internal #: 163083-2 Power Contacts, Contact, Gold, 18 – 16 AWG Wire Size, .75 – 1.5 mm² Wire Size, Wire & Cable, Crimp, Power & Signal, Socket, AMP Type III+

View on TE.com >

Connectors > Power Connectors > Power Contacts



Power Contact Type: Contact

Contact Mating Area Plating Material: Gold

Wire Size: .75 – 1.5 mm²

Connector & Contact Terminates To: Wire & Cable

Features

Product Type Features



Compatible With Discrete Wire Type	Stranded
Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable
Contact Features	
Contact Size	Size 16
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	13 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	.076 µm[3 µin]
Wire Contact Termination Area Plating Material	Gold Flash

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Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μm[50 μin]
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Wire Insulation Support	With
Dimensions	
Wire Size	.75 – 1.5 mm²
Compatible Insulation Diameter Range	2 – 2.5 mm[.078 – .098 in]
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

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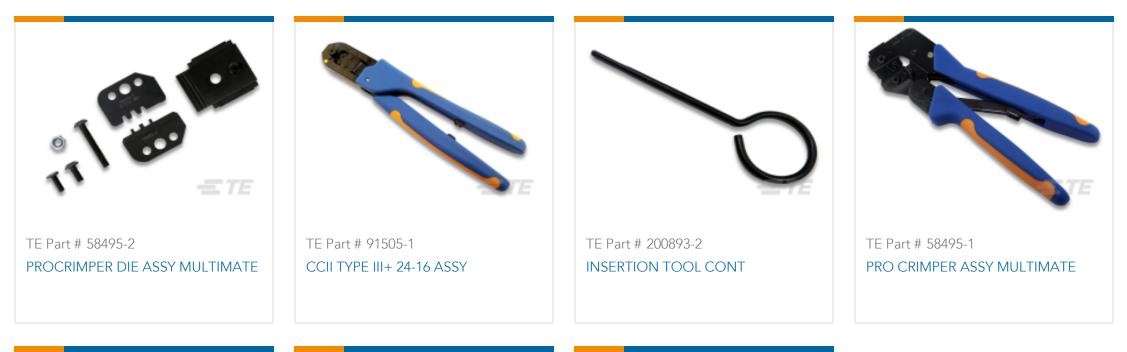
Solder Process Capability

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-onreach

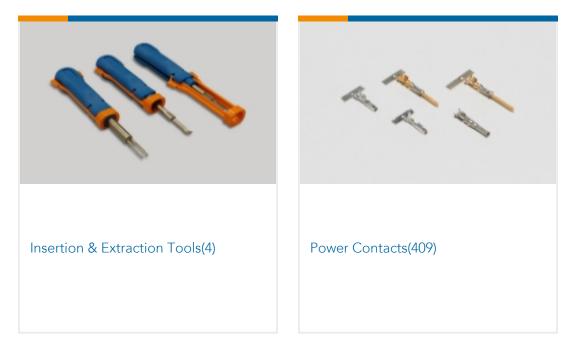
Compatible Parts







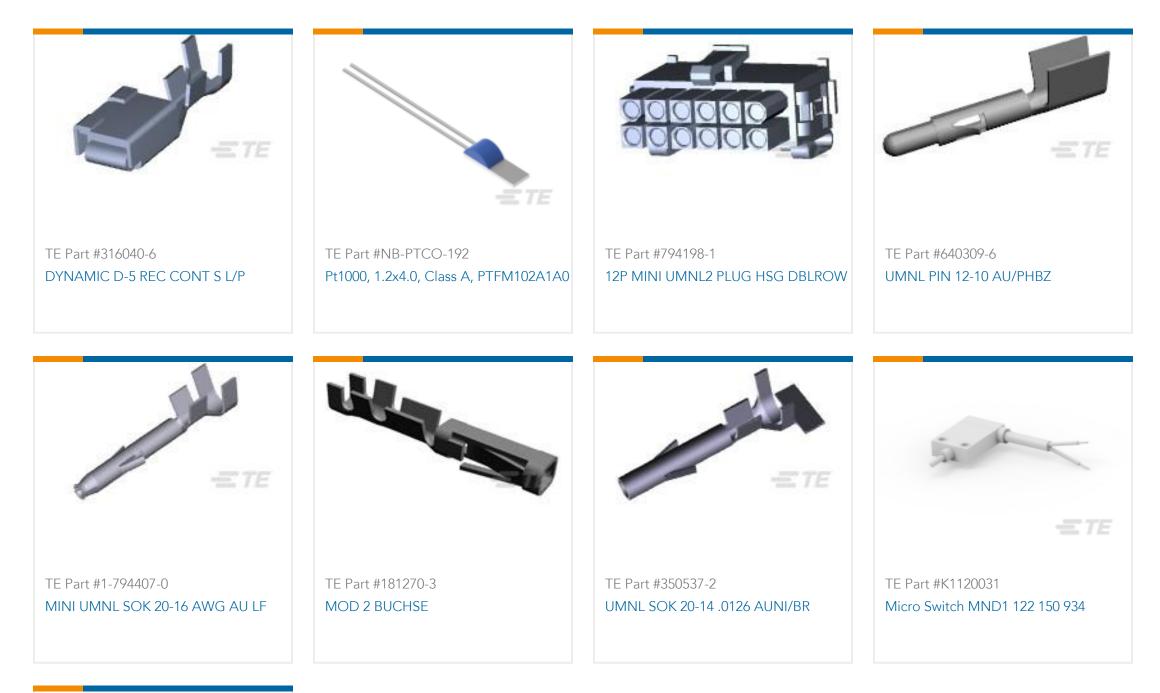
Also in the Series | AMP Type III+



Customers Also Bought

Power Contacts, Contact, Gold, 18 – 16 AWG Wire Size, .75 – 1.5 mm² Wire Size, Wire & Cable, Crimp, Power & Signal, Socket, AMP Type III+







TE Part #K1129020 Micro Switch MND1 022 100 941

Documents

Product Drawings

.062 DIA SOC ASS 3+

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_163083-2_AY.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_163083-2_AY.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_163083-2_AY.3d_stp.zip

English

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

Product Specifications

C For support call+1 800 522 6752

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Product Specification

English