1-66361-1 ✔ ACTIVE

AMP | AMP Type III+

TE Internal #: 1-66361-1

Power Contacts, Contact, Precious Metal, 18 – 14 AWG Wire Size, . 8 – 2 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: **Precious Metal**

Wire Size: **.8 – 2 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 Mating Area Plating Material	Precious Metal
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	.76 µm[30 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	Bright
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 – 2 mm²
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

Identification Marking

Color Code	Violet

Packaging Features

Packaging Method	Box, Loose Piece
Packaging Quantity	100

Other

Wire/Cable Type	Discrete Wire
For Use With	CPC Connectors, G Series Connectors, M Series Connectors
Comment	Insertion Tool No. 91002-1 (for Insulation Dia. 1.78 [.07] or less), No. 200893-2 (for Insulation Dia. .09 [2.29] max.) Extraction Tool No. 305183., Overall insulation crimp diameter, including crimp barrel, must not exceed 3.18 [.125].

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 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 # 91519-1
CCII TYPE III+ PIN SKT 18-14 ASSY

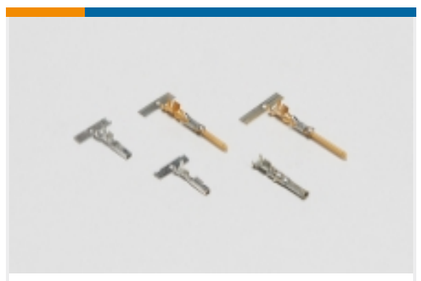
TE Part # 200893-2
INSERTION TOOL CONT

TE Part # 539972-1
EXTRACTION TOOL

TE Part # 305183
EXTRACT TOOL TYPE 2 20-16

Also in the Series | AMP Type III+

Insertion & Extraction Tools(4)



Power Contacts(410)

Documents

Product Drawings

III+ PIN,18-14,30AU/FL,SMPACK

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-66361-1_G.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66361-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66361-1_G.3d_stp.zip

English

Product Specifications

Engineering Report

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English