1-66399-1 ✓ ACTIVE

[AMP](#) | [AMP Type III+](#)

TE Internal #: 1-66399-1

AMP Type III+, Power Contacts, Contact, Tin, 24 – 20 AWG Wire Size, .2 – .6 mm² Wire Size, Wire & Cable, Crimp, Power & Signal, Socket

[View on TE.com >](#)

Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.2 – .6 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	Tin
Contact Current Rating (Max)	13 A
Contact Type	Socket
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
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	.76 µm[30 µin]
Contact Size	16

Termination Features

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Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	.2 – .6 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

Packaging Features

Packaging Method	Box
Packaging Quantity	100

Other

Wire/Cable Type	Discrete Wire
For Use With	CPC Connectors
Comment	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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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

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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 # 58495-2
PROCRIMPER DIE ASSY MULTIMATE

TE Part # 200893-2
INSERTION TOOL CONT

TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE

TE Part # 91523-1
CCII TYPE III+ PIN SKT 24-16 ASSY

TE Part # 539972-1
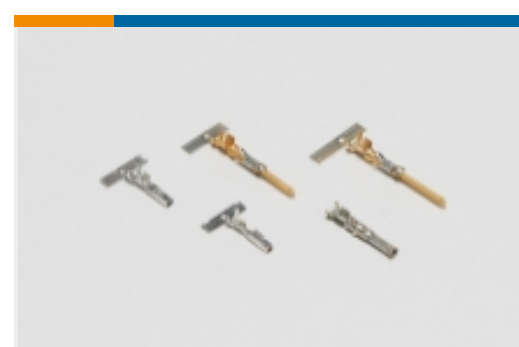EXTRACTION TOOL

TE Part # 305183
EXTRACT TOOL TYPE 2 20-16

TE Part # 91523-3
CCII TYPE III+ PIN SKT 24-16 HEAD
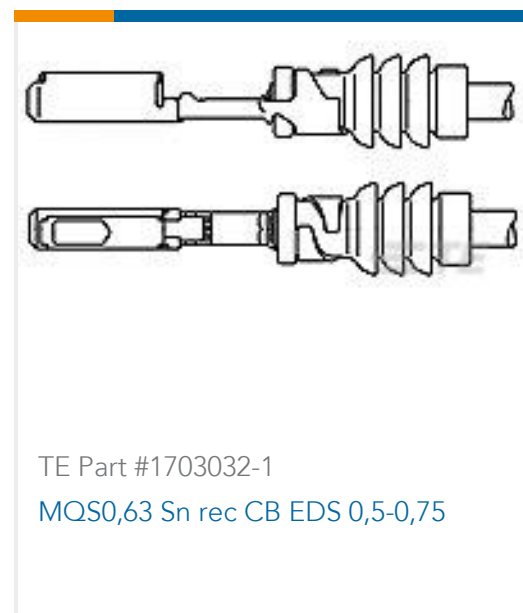
Also in the Series | AMP Type III+

Insertion & Extraction Tools(4)

Power Contacts(414)

Customers Also Bought

1-66399-1

AMP Type III+, Power Contacts, Contact, Tin, 24 – 20 AWG Wire Size, .2 – .6 mm²
Wire Size, Wire & Cable, Crimp, Power & Signal, Socket

TE Part #796286-1
CPC SERIES 1 SEALED ONE-PIECE

TE Part #213845-1
POWERBAND CONTACTS

TE Part #66259-5
MALE CONTACT ASSY. (L.P.)

TE Part #796203-1
CPC SERIES 6 SEALED TWO-PIECE

TE Part #368162-1
JPT 4P ASSY FOR MAP SENSOR ORA

TE Part #1703032-1
MQS0,63 Sn rec CB EDS 0,5-0,75

TE Part #T4031017041-000
M8.FMLE.PNLREAR.4POS.STR

Documents

Product Drawings
III+ SKT,24-20,TIN,SMPACK

English

CAD Files
Customer View Model

ENG_CVM_CVM_1-66399-1_H.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66399-1_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66399-1_H.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