



Connectors > Power Connectors > Power Contacts > TYPE III CONTACTS LP



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Precious Metal**

Wire Size: **.05 – .15 mm²**

Connector & Contact Terminates To: **Wire & Cable**

[All TYPE III CONTACTS LP \(53\)](#)

Features

Product Type Features

Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Test Current	13 A
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Contact Features

Contact Shape & Form	Round
Contact Mating Area Plating Material	Precious Metal
Contact Current Rating (Max)	13 A
Contact Type	Pin
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 Material 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	1.27 µm[50 µin]
Barrel Type	Open Barrel
Contact Size	16

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	With

Dimensions

Wire Size	.05 – .15 mm²
Accepts Wire Insulation Diameter Range	.36 – .76 mm[.014 – .03 in]

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
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Operation/Application

Circuit Application	Power & Signal
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Identification Marking

Color Code	Brown
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Industry Standards

Agency/Standard	CSA, IEC, UL
UL File Number	E28476

Packaging Features

Packaging Method	Box & Carton, Loose Piece
Packaging Quantity	1000

Other

Wire/Cable Type	Discrete Wire
Wire Type	Stranded
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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # CAT-AM71-C83998C
CMC SERIES 1



TE Part # CAT-AM71-C83998Y
CPC SERIES 1 SEALED ONE-PIECE



TE Part # CAT-AM71-C83998J
CPC SERIES 1



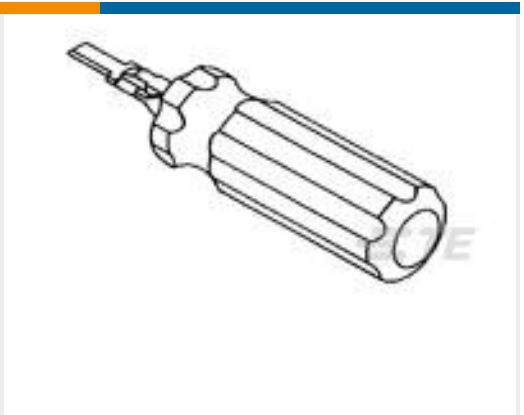
TE Part # CAT-AM71-C83998K
CPC SERIES 6



TE Part # 200893-2
INSERTION TOOL CONT



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 1-305183-1
EXTRACT TOOL MATE-N-LOK P

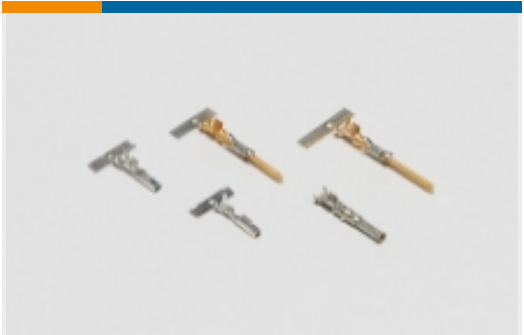


TE Part # 305183
EXTRACT TOOL TYPE 2 20-16

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)



Power Contacts(405)

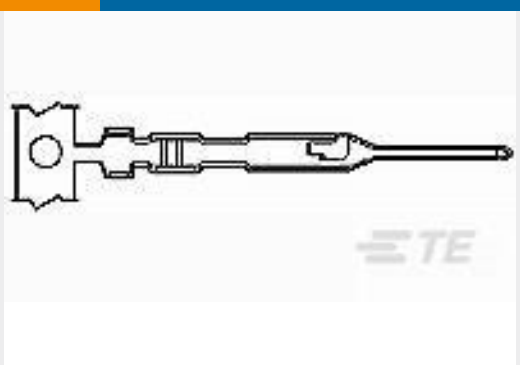
Customers Also Bought



TE Part #1658544-1
D-Sub Connector Contacts: Pin, Brass, Signal, Size 20



TE Part #204509-1
AMPLITE,ASY,PLUG,STD,90,5



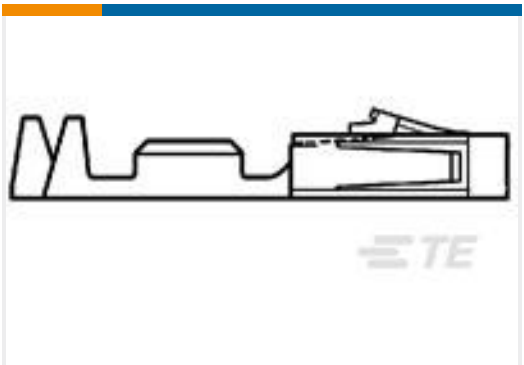
TE Part #104505-3
MTE PIN LP



TE Part #2-747580-3
SHLDING FERRULE,PLTD TIN,BULK



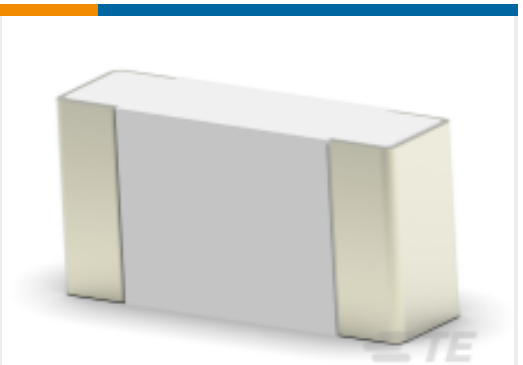
TE Part #87631-4
08 MODIV HSG DR MRKD .100 POL



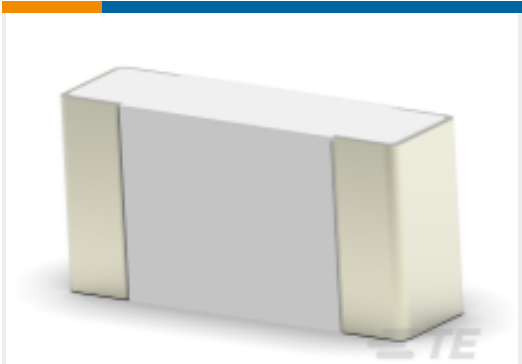
TE Part #104480-3
SHORT POINT CONT 15 DPLX STMPD



TE Part #103168-4
12 MODII HDR DRST SHRD .100CL



TE Part #2-2176243-5
CRGS0603 5% 100R



TE Part #1-2176243-3
CRGS0603 5% 10R



TE Part #201356-1
20 POS. MALE



Documents

Product Drawings

III+ PIN,30-26,30AU/FL,LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66406-4_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_66406-4_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66406-4_K.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Signal Contacts

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

AMP Circular Connectors for Commercial Signal & Power Applications

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_66406-4_1031201792_dmtec

English

MD_66406-4_1031201792_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

Japanese