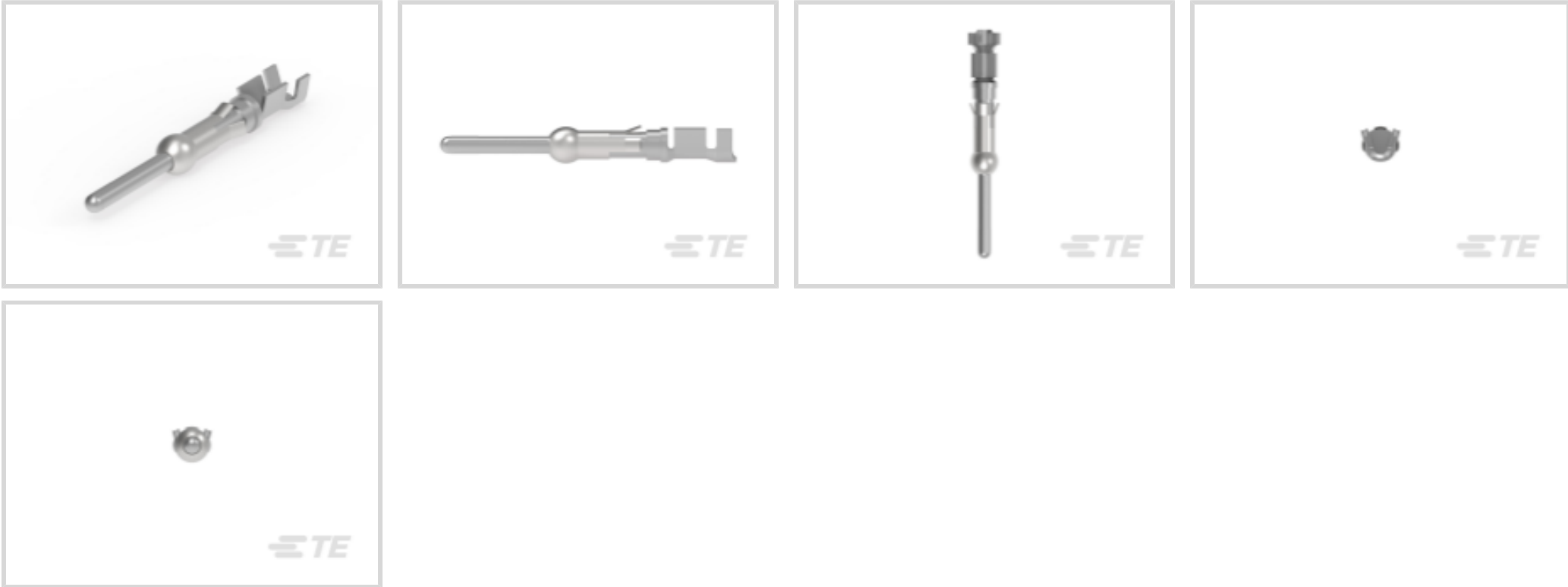




Connectors > Power Connectors > Power Contacts > Pin and Socket Contacts, Type III, LP



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.8 – 1.4 mm²**

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

[All Pin and Socket Contacts, Type III, LP \(53\)](#)

Features

Product Type Features

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

Contact Features

Contact Size	Size 16
Contact Shape & Form	Round
Contact Mating Area Plating Material	Tin
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	2.54 µm[100 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	2.54 µm[100 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]

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	.8 – 1.4 mm²
Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]

Usage Conditions

Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	1000
Packaging Method	Carton, Loose Piece

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
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>

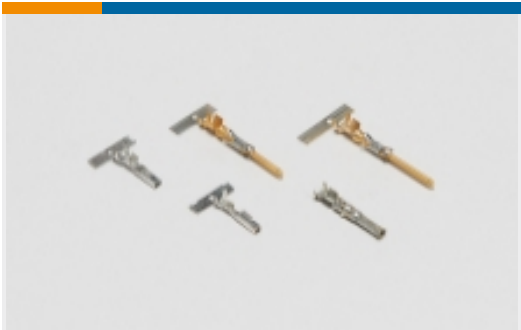
Compatible Parts

 <p>TE Part # CAT-AM71-C83998C Circular Plastic Connector, CMC Series 1</p>	 <p>TE Part # CAT-AM71-C83998Y One-Piece Connector, Sealed, CPC Series 1</p>	 <p>TE Part # CAT-AM71-C83998J Cable/Panel Mount Connector, CPC Series 1</p>	 <p>TE Part # CAT-AM71-C83998K Circular Connector, Environmentally Sealed, CPC Series 6</p>
 <p>TE Part # 58495-2 PROCRIMPER DIE ASSY MULTIMATE</p>	 <p>TE Part # 91505-1 CCII TYPE III+ 24-16 ASSY</p>	 <p>TE Part # 200893-2 INSERTION TOOL CONT</p>	 <p>TE Part # 91523-1 CCII TYPE III+ PIN SKT 24-16 ASSY</p>
 <p>TE Part # 539972-1 EXTRACTION TOOL</p>	 <p>TE Part # 305183 EXTRACT TOOL TYPE 2 20-16</p>	 <p>TE Part # 58495-1 PRO CRIMPER ASSY MULTIMATE</p>	 <p>TE Part # 169400 CERTI-LOK FRAME W/O DIES</p>

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)



Power Contacts(409)

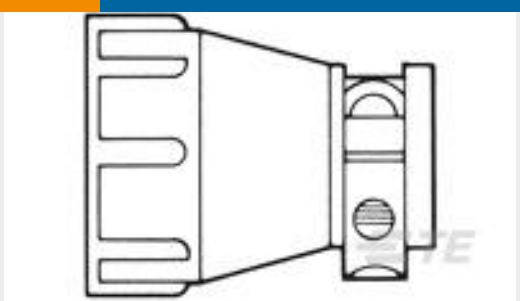
Customers Also Bought



TE Part #206150-1
CPC PLUG ASSEMBLY SIZE 23-37



TE Part #211400-1
Cable/Panel Mount Connector, CPC Series 1



TE Part #206138-8
CLAMP CBL SHELL SIZE 23



TE Part #206036-1
RECEPT,SZ 17-16 CPC



TE Part #1-206062-6
CABLE CLAMP KIT #11



TE Part #2-66101-0
III+ SKT,18-16,TIN,SMPACK

Documents

Product Drawings

III+ PIN,18-16,TIN ,LP

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-66099-5_AE.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66099-5_AE.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66099-5_AE.3d_stp.zip

English

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



Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English