



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



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.2 – .6 mm<sup>2</sup>**

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 Mating Area Plating Material	Tin
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	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	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	.76 µm[30 µin]
Contact Size	16

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	.2 – .6 mm²
Accepts Wire Insulation Diameter Range	1.02 – 2.03 mm[.04 – .08 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 Method	Carton, Loose Piece
Packaging Quantity	1000

Other

Wire/Cable Type	Discrete Wire
For Use With	CPC Connectors, G Series Connectors, M Series Connectors

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

 <p>TE Part # CAT-AM71-C83998C CMC SERIES 1</p>	 <p>TE Part # CAT-AM71-C83998Y CPC SERIES 1 SEALED ONE-PIECE</p>	 <p>TE Part # CAT-AM71-C83998J CPC SERIES 1</p>	 <p>TE Part # CAT-AM71-C83998K CPC SERIES 6</p>
 <p>TE Part # 91515-1 CCII TYPE III+ MNL PIN SKT 30-20 ASSY</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>



TE Part # 58495-1  
PRO CRIMPER ASSY MULTIMATE

TE Part # 539972-1  
EXTRACTION TOOL

TE Part # 305183  
EXTRACT TOOL TYPE 2 20-16

TE Part # 169400  
CERTI-LOK HAND TOOL FRAME W/O DIES

Also in the Series | AMP Type III+

Insertion & Extraction Tools(4)

Power Contacts(414)

Documents

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

English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_1-66105-9\_AE.2d\_dxf.zip

English

3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_1-66105-9\_AE.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_CVM\_1-66105-9\_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

Signal Contacts

English

M\_SERIES\_PIN\_AND\_SOCKET\_CONNECTORS



English

[Product Specifications](#)

[Application Specification](#)

English

[Product Environmental Compliance](#)

[MD\\_1-66105-9\\_103120171031\\_dmtec](#)

English

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