



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



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.2 – .6 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 Mating Area Plating Material	Gold
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	.76 µm[30 µin]
Contact Mating Area Plating Material Finish	Bright
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]
Barrel Type	Open Barrel
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 mm ²
Accepts Wire Insulation Diameter Range	1.52 – 3.05 mm[.06 – .12 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	Yellow
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Packaging Features

Packaging Method	Box, Carton
Packaging Quantity	1000

Other

Wire/Cable Type	Discrete Wire
For Use With	CPC 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: JAN 2022 (223) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold:



Not Yet Reviewed

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-C83998J
CPC SERIES 1

TE Part # CAT-AM71-C83998K
CPC SERIES 6

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

TE Part # 91542-1
CCII TYPE III+ PIN SKT 24-22 ASSY

TE Part # 200893-2
INSERTION TOOL CONT

TE Part # 539972-1
EXTRACTION TOOL

TE Part # 305183
EXTRACT TOOL TYPE 2 20-16

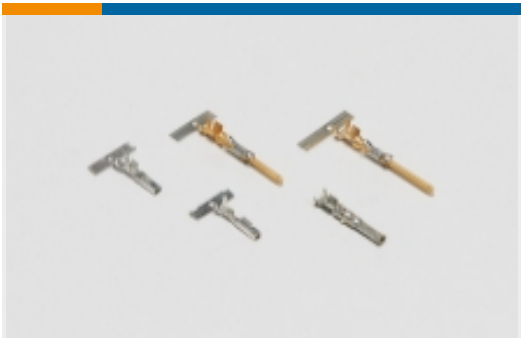
TE Part # 91542-3
CCII TYPE III+ PIN SKT 24-22 HEAD



Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)



Power Contacts(414)

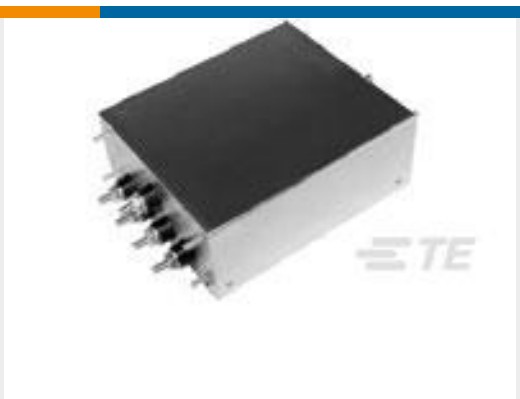
Customers Also Bought



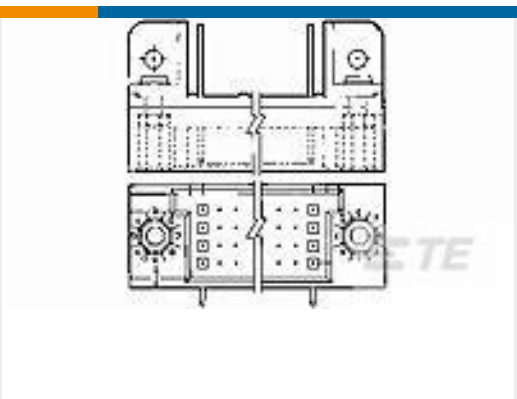
TE Part #213870-1
CPC SERIES 1



TE Part #205206-9
CRIMP SNAP PLUG ASSY,SIZE 2



TE Part #6609073-2
30AYT6C J0=F7475B



TE Part #533286-5
HDI PIN ASSY 4 ROW 160 POS R/A



TE Part #YDTS26Z25-61PNV001
D38999: Straight Plug, 25-61 Insert



TE Part #6-6609929-7
PE0S0SSXA=C2281



TE Part #66566-1
III+ PIN,24-20,30AU>10,LP



TE Part #1SNA094354R2400
CPFT2/R-4

Documents

Product Drawings

III+ SKT,24-20,30AU/FL,LP

English

CAD Files

Customer View Model

ENG_CVM_CVM_66565-4_H.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66565-4_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66565-4_H.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

AMP Circular Connectors for Commercial Signal & Power Applications Continued

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_66565-4_05272014041_dmtec

English

MD_66565-4_05272014041_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English