



AMP | AMP Type III+

TE Internal #: 1-66598-2

Power Contacts, Contact, Tin, 18 – 14 AWG Wire Size, .8 – 2 mm² Wire Size, Wire & Cable, Crimp, Power & Signal, Socket, AMP Type III+

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts > TYPE III CONTACTS STRIP HIGH CURRENT



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.8 – 2 mm²**

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

[All TYPE III CONTACTS STRIP HIGH CURRENT \(5\)](#)

Features

Product Type Features

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

Electrical Characteristics

Test Current	25 A
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Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	25 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Copper Nickel Alloy
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
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
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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 – 2 mm ²
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Accepts Wire Insulation Diameter Range	2.79 – 3.81 mm [.11 – .15 in]
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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	Reel
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Packaging Quantity	4000
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Other

Wire/Cable Type	Discrete Wire
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For Use With	CPC Connectors, VDE Connectors
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Comment	Contacts can only be used in Metrimate, Series 1 (Arr. 23-24), Series 4 (Arr. 23-13M, 23-16M, 23-22M), and VDE connectors.
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC
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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 # 91521-1
CCII TYPE III+ PIN SKT 18-14 ASSY



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



TE Part # 2151405-1
OCEAN_2.0_Applicator-S-090F1550



TE Part # 2-2151405-1
OCEAN_2.0_Applicator-S-090F1550



TE Part # 2-2151405-2
OCEAN_2.0_Applicator-S-090F1550



TE Part # 2151405-2
OCEAN_2.0_Applicator-S-090F1550

TE Part # 7-2151405-1
OCEAN_2.0_Applicator-S-090F1550

TE Part # 7-2151405-2
OCEAN_2.0_Applicator-S-090F1550

KIT
REPRESENTATION ONLY

TE Part # 7-2151405-7
OCEAN_2.0_SPARE_PART_KIT-090F1550

TE Part # 91521-3
CCII TYPE III+ PIN SKT 18-14 HEAD 090F1550

Also in the Series | AMP Type III+

Insertion & Extraction Tools(4)

Power Contacts(414)

Customers Also Bought

TE Part #796274-1
SLD CPC PLUG ASSY,17-16,STD SX

TE Part #211769-1
17-9 CPC RECEPT REV SEX

TE Part #206037-1
CPC PLUG ASSEMBLY SIZE 17-16

TE Part #440129-9
2.0MM,HSG,9POS

TE Part #1-66473-9
SKT,.062 DIA,.045 SQ POST,LP

TE Part #794958-2
VAL-U-LOK SKT BR AU 22-26AWG

TE Part #66424-6
III+ SKT,30-26,TIN-LEAD,STRIP

TE Part #6-1393239-0
RTD14615

TE Part #1-66424-1
III+ SKT,30-26,TIN,STRIP

TE Part #1649328-7
RTD14048



Documents

Product Drawings

[III+ SKT,18-14,TIN ,STRIP](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-66598-2_AG.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-66598-2_AG.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66598-2_AG.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

Product Specifications

[Application Specification](#)

English