

66563-8 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 66563-8

Power Contacts, Contact, Gold, 24 – 20 AWG Wire Size, .2 – .6 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



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 STRIP \(55\)](#)

Features

Product Type Features

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

Electrical Characteristics

Test Current	13 A
--------------	------

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]
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
------------------------------------	-------

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

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]
-----------------------------	-----------------------------

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Identification Marking

Color Code	Yellow
------------	--------

Packaging Features

Packaging Method	Reel, Reverse Reel
Packaging Quantity	4000

Other

Wire/Cable Type	Discrete Wire
For Use With	CPC Series 1 and 4, G Series, M Series Connectors, Metrimate Drawer, Metrimate, Special M Series
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.

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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



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 # 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 # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 2-2151669-1
OCEAN-2.0-APPLICATOR-S-062F1200



TE Part # 2-2151669-2
OCEAN-2.0-APPLICATOR-S-062F1200A



TE Part # 2151669-1
OCEAN-2.0-APPLICATOR-S-062F1200




TE Part # 2151669-2
OCEAN-2.0-APPLICATOR-S-062F1200A




KIT
TE Part # 7-2151669-7
OCEAN_2.0_SPARE_PART_KIT-062F1200

TE Part # 466979-1
APPL_SCA 9SMPR062F1200 S

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)

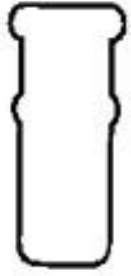


Power Contacts(414)


Customers Also Bought



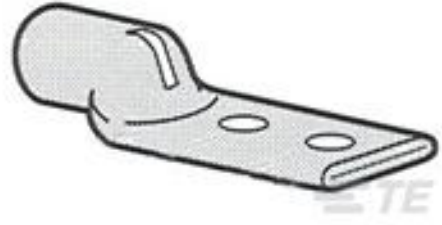
TE Part #325805
TERMINAL,AMPOWER 300MCM 1/2



TE Part #324486
SPARE WIRE CAP,BLU .120-.145 INS.




TE Part #4785230001
TMS-SCE-1/4-2.0-S1-4



TE Part #326808
TERMINAL,AMPOWER 500MCM 3/8



TE Part #1-6609016-5
6ED8C=F7541 S0



TE Part #2267473-3
SIZE 23 PERIPHERAL SEAL, CPC



TE Part #322257
TERMINAL,SOLIS R 300-350MCM



Documents

Product Drawings

[III+ SKT,24-20,30AU/FL,STRIP](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_66563-8_Y.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66563-8_Y.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66563-8_Y.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

[Product Compliance](#)

English

[Product Compliance](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

Japanese

[Instruction Sheet \(U.S.\)](#)

English

