



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



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.8 – 2 mm²**

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

[All Strip Pin and Socket Contacts, Type III \(55\)](#)

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]
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	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	.8 – 2 mm²
Accepts Wire Insulation Diameter Range	2.79 – 3.81 mm[.11 – .15 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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Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

Other

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

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

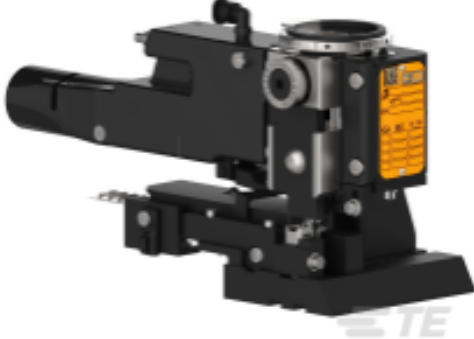
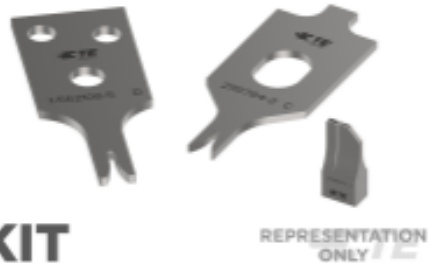
Product Compliance Disclaimer

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 Circular Plastic Connector, CMC Series 1	 TE Part # CAT-AM71-C83998Y One-Piece Connector, Sealed, CPC Series 1	 TE Part # CAT-AM71-C83998J Cable/Panel Mount Connector, CPC Series 1	 TE Part # CAT-AM71-C83998K Circular Connector, Environmentally Sealed, 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 # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 2151405-1 OCEAN_2.0_Applicator-S-090F155O	 TE Part # 2-2151405-1 OCEAN_2.0_Applicator-S-090F155O	 TE Part # 2-2151405-2 OCEAN_2.0_Applicator-S-090F155O
 TE Part # 2151405-2 OCEAN_2.0_Applicator-S-090F155O	 TE Part # 7-2151405-1 OCEAN_2.0_Applicator-S-090F155O	 TE Part # 7-2151405-7 OCEAN_2.0_SPARE_PART_KIT-090F155O	TE Part # 466958-1 SCA SMPR090F155O

Also in the Series | AMP Type III+

 Insertion & Extraction Tools(4)	 Power Contacts(410)
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Documents

Product Drawings
III+ SKT,18-14,30AU/FL,STRIP
English

CAD Files
Customer View Model
ENG_CVM_CVM_66598-2_AG.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_66598-2_AG.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_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
M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Product Specifications
Application Specification

English

Product Environmental Compliance
MD_66598-2_02082014115_dmtec

English
MD_66598-2_02082014115_dmtec

English

Instruction Sheets
Instruction Sheet (U.S.)

Japanese
Instruction Sheet (U.S.)

English

Agency Approvals
Agency Approval Document

English