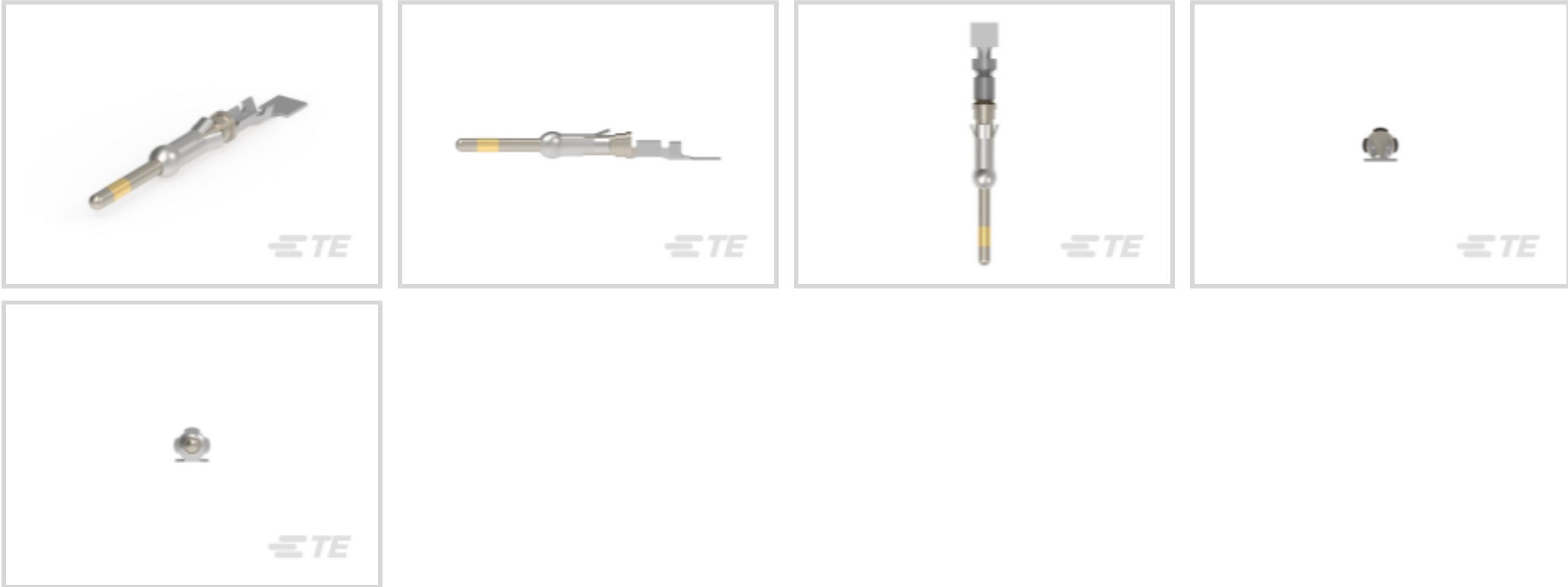




Connectors > Power Connectors > Power Contacts > Strip Pin and Socket Contacts, Type III



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.2 – .6 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

Contact Features

Contact Size	Size 16
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	13 A
Contact Type	Pin
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.38 µm[15 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	1.27 µm[50 µin]

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
Compatible Insulation Diameter Range	1.02 – 2.03 mm[.04 – .08 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 Quantity	4000
Packaging Method	Reel

Other

Power Connectors Comment	Overall insulation crimp diameter, including crimp barrel, must not exceed 3.18 [.125]., PRO-CRIMPER II # 58495-1 Hand Tool for field repair use only.
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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 2023 (233) Candidate List Declared Against: JAN 2023 (233) 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 # 58495-2 PROCRIMPER DIE ASSY MULTIMATE	TE Part # 200893-2 INSERTION TOOL CONT	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 # 2151016-2 OCEAN_2.0_APPLICATOR-S-062F090OA	TE Part # 91505-1 CCII TYPE III+ 24-16 ASSY	TE Part # 1-305183-1 EXTRACT TOOL MATE-N-LOK P



TE Part # 2-2151016-1
OCEAN_2.0_APPLICATOR-S-062F090O

TE Part # 2-2151016-2
OCEAN_2.0_APPLICATOR-S-062F090OA

TE Part # 2151016-1
OCEAN_2.0_APPLICATOR-S-062F090O

TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

TE Part # 5-2151016-1
OCEAN_2.0_APPLICATOR-S-062F090O

TE Part # 5-2151016-2
OCEAN_2.0_APPLICATOR-S-062F090OA

TE Part # 7-2151016-1
OCEAN_2.0_APPLICATOR-S-062F090O

TE Part # 7-2151016-2
OCEAN_2.0_APPLICATOR-S-062F090OA

Also in the Series | AMP Type III+

Insertion & Extraction Tools(4)

Power Contacts(409)

Customers Also Bought

TE Part #1-66359-6
III+ PIN,18-14,30AU/FL,STRIP

TE Part #770041-1
12P UMNL II PLUG-FRONT 94VO

TE Part #322326
SPLICE,SOLIS PARA HT 22-16

TE Part #211758-1
PLUG HSG,12 POSN,METRIMATE

TE Part #211759-1
RECEPT HSG,12 POSN,METRIMATE

TE Part #53831-2
SOLIS SP SPD 22-16COM22-18MIL8

TE Part #456406-2
CRIMPER-WIRE .090 F

TE Part #2-456135-4
CRIMPER, INSULATION "O"(.120")



Documents

Product Drawings

III+ PIN,24-20,15AU/FL,STRIP

English

CAD Files

Customer View Model

ENG_CVM_CVM_66102-8_BB.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66102-8_BB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66102-8_BB.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_66102-8_04092014031_dmtec

English

MD_66102-8_04092014031_dmtec

English



Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English