



AMP | AMP Type III+

TE Internal #: 1-66597-0

Power Contacts, Contact, Precious Metal, 18 – 14 AWG Wire Size, .8 – 2 mm² Wire Size, Wire & Cable, Crimp, Power & Signal, Pin, 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: **Precious Metal**

Wire Size: **.8 – 2 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	25 A
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Contact Features

Contact Mating Area Plating Material	Precious Metal
Contact Current Rating (Max)	25 A
Contact Type	Pin
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	.76 µm[30 µin]
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material	Gold
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 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 – 150 °C [-67 – 302 °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
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Comment	For Mini Applicator.
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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 Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 2305570-1
TERMINAL CUTTER, SIDE FEED



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-090F1550



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



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

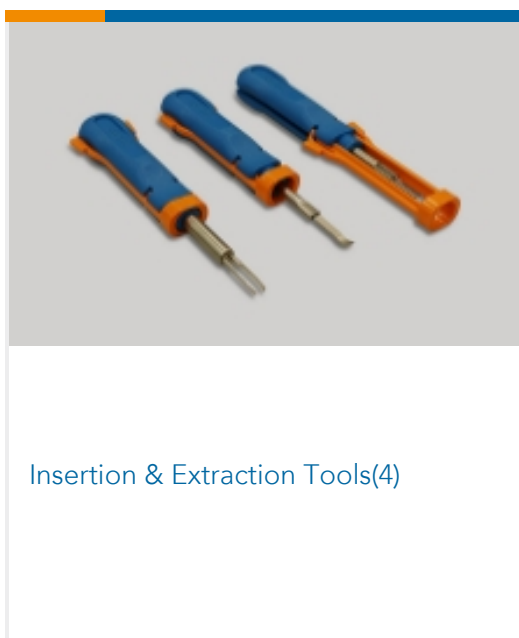


TE Part # 7-2151405-7
OCEAN_2.0_SPARE_PART_KIT-090F1550

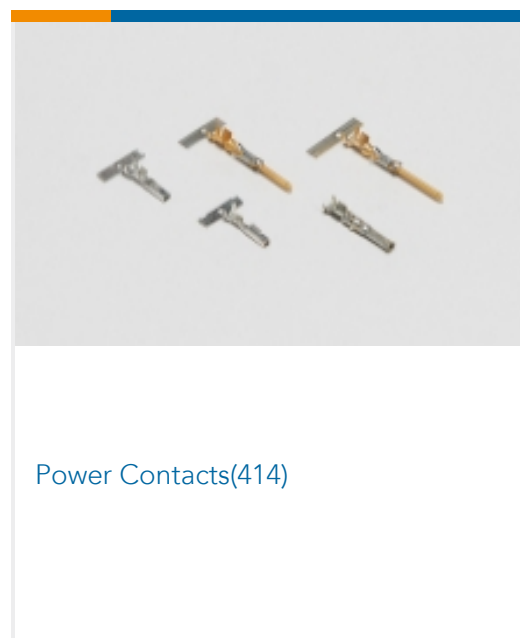


TE Part # 91521-3
CCII TYPE III+ PIN SKT 18-14 HEAD

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)



Power Contacts(414)

Customers Also Bought



TE Part #208459-1
CMC SERIES 1



TE Part #1-66358-9
III+ SKT,18-14,30AU/FL,STRIP



TE Part #1838891-1
M12 Mtl FEMALE PNL CONN. Sldr Rear (Hex)



TE Part #626056
FASTIN-ON 110 HOUSING REC PA66 NATURAL



TE Part #1445049-2
FREE HANG SNGL ROW HSG 2 POS



TE Part #62003-2
110 FASTON REC 22-18 AWG TPBR



TE Part #1838275-1
M12 Fld Ser CONN. Male Pin Sldr



TE Part #964287-2
JPT A REC 2.8 Contact SWS Sn (LP)



Documents

Product Drawings

[III+ PIN,18-14,30AU/FL,STRIP](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-66597-0_AA.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-66597-0_AA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66597-0_AA.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

[Signal Contacts](#)

English

Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English