



AMP | AMP Type III+

TE Internal #: 1-66359-5

Power Contacts, Contact, Tin, 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



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.8 – 2 mm²**

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

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	Tin
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	Phosphor Bronze
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	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	.8 – 2 mm ²
Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]

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 Quantity	4000
Packaging Method	Reel

Other

Power Connectors Comment	Overall insulation crimp diameter, including crimp barrel, must not exceed 3.18 [.125]., Reverse Reeled For Mini Applicator
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 91519-1
CCII TYPE III+ PIN SKT 18-14 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
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 2-2151101-1
OCEAN_2.0_APPLICATOR-S-090F120O



TE Part # 2-2151101-2
OCEAN_2.0_APPLICATOR-S-090F120O



TE Part # 2-2151102-2
OCEAN_2.0_APPLICATOR-S-046F059F




TE Part # 2151101-1
OCEAN_2.0_APPLICATOR-S-090F120O



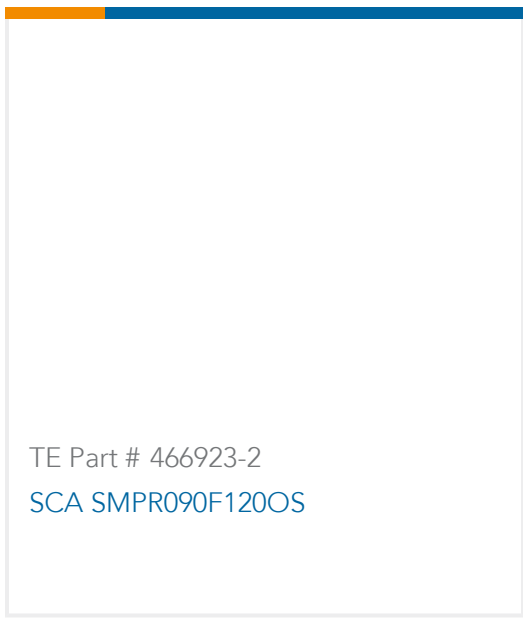
TE Part # 2151101-2
OCEAN_2.0_APPLICATOR-S-090F120O



TE Part # 7-2151101-1
OCEAN_2.0_APPLICATOR-S-090F120O



TE Part # 7-2151101-7
OCEAN_2.0_SPARE_PART_KIT-090F120O

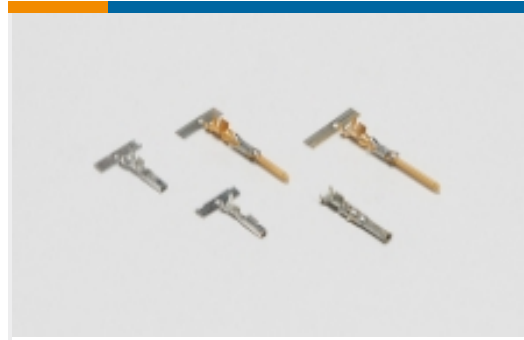


TE Part # 466923-2
SCA SMPR090F1200S

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)

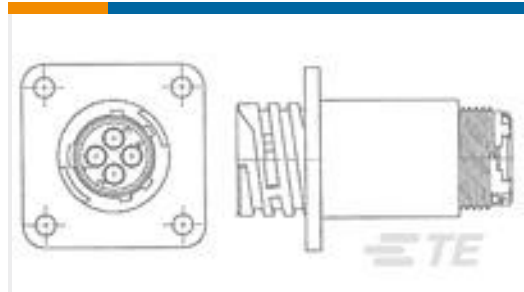


Power Contacts(409)

Customers Also Bought



TE Part #5749621-8
80 50S CABLE PLUG CONN/COV KIT



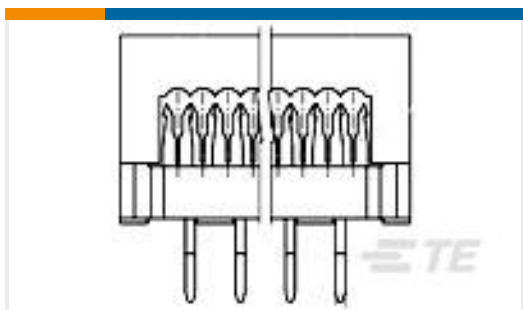
TE Part #788158-2
SLD CPC RCPT ASSY,13-9,STD SEX



TE Part #5554434-1
EMI RCPT ASSY,24 POSN,SHLD



TE Part #770849-4
04P SL156 HSG W/LCK RMP & TABS



TE Part #1-111382-4
10 DIP PLUG, LEAD FREE



TE Part #3-520406-2
ULTRA-FAST 250 ASY REC 16-14 AWG
TPBR



TE Part #1658622-5
24 NOVO MIL/CTR 30DP,LEAD FREE



TE Part #1719256-2
4 POS GET 0.64 REC HSG



TE Part #5225395-1
BNC PLUG DUAL CRIMP RG58,A,B,C



TE Part #5749205-1
80 50SR KIT,75D,UK



Documents

Product Drawings

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

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-66359-5_AG.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-66359-5_AG.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66359-5_AG.3d_stp.zip](#)

English

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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

[TE Material Declaration](#)

English