

1-163086-0 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 1-163086-0

AMP Type III+, Power Contacts, Contact, Precious Metal, 24 – 20

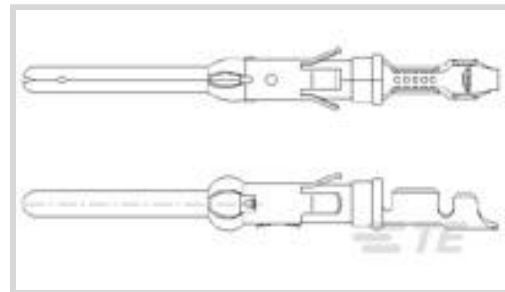
AWG, .2 – .5 mm², Wire & Cable, Crimp Termination Method to

Wire & Cable

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts > TYPE III CONTACTS LP EMEA



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Precious Metal**

Wire Size: **.2 – .5 mm²**

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

[All TYPE III CONTACTS LP EMEA \(29\)](#)

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	Precious Metal
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	.76 µm[30 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Material Thickness	1.02 µm[40 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]
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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	.2 – .5 mm ²
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Accepts Wire Insulation Diameter Range	1.1 – 1.8 mm[.0433 – .071 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	Bag
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Other

Wire Type	Regular Wire
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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 2020 (205) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205)
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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

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Model / Part # 200893-2
INSERTION TOOL CONT



TE Model / Part # 539972-1
EXTRACTION TOOL



TE Model / Part # 91505-1
CERTICRIMP 2,SAHT TYPE III+



TE Model / Part # 91515-1
CERTI-CRIMP 2,SAHT TYPE III+



TE Model / Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE



TE Model / Part # 58495-1
PRO CRIMPER ASSY MULTIMATE




TE Model / Part # 305183
EXTRACT TOOL TYPE 2 20-16



TE Model / Part # 169475-1
MINI CERTI-LOK III+

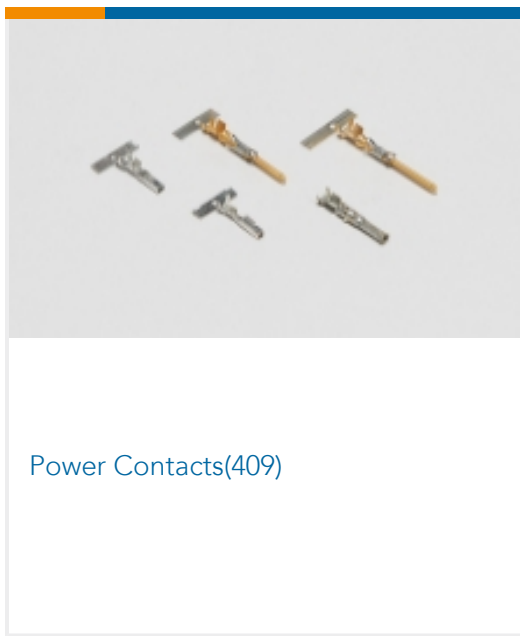


TE Model / Part # 539668-2
MATRIZE TYPE 3+

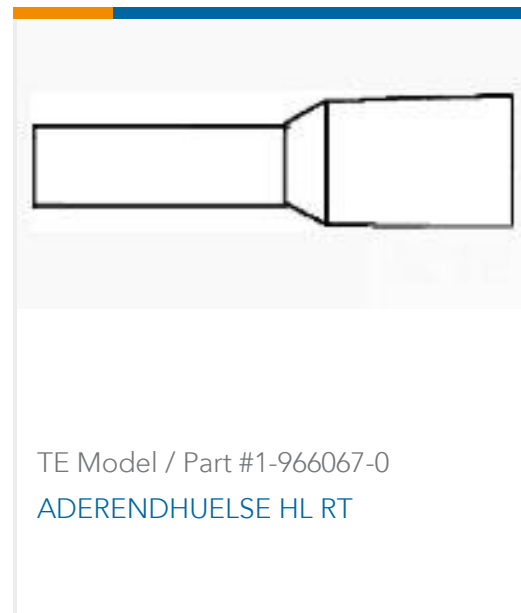


TE Model / Part # 91515-3
CC II HEAD ASSY TYPE III+

Also in the Series | **AMP Type III+**



Customers Also Bought



Documents

Product Drawings

[SPEC. PLATED](#)

English

[SPEC. PLATED](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-163086-0_AD.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-163086-0_AD.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-163086-0_AD.3d_stp.zip](#)

1-163086-0

AMP Type III+, Power Contacts, Contact, Precious Metal, 24 – 20 AWG, .2 – .5 mm²,
Wire & Cable, Crimp Termination Method to Wire & Cable



English

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