

1-163084-0 ✓ ACTIVE

AMP | AMP Type III+

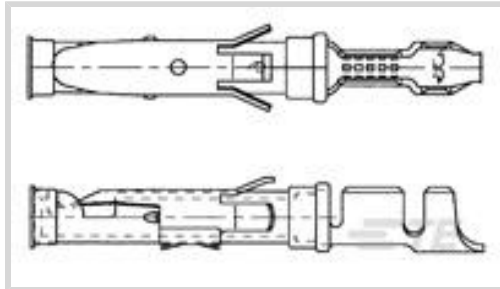
TE Internal #: 1-163084-0

Power Contacts, Contact, Gold, 18 – 15 AWG Wire Size, .75 – 1.5 mm² Wire Size, Wire & Cable, Crimp, Power & Signal, Socket, AMP Type III+

[View on TE.com >](#)



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



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.75 – 1.5 mm²**

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

[All TYPE III CONTACTS LP EMEA \(27\)](#)

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]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	1.02 µm[40 µin]
Wire Contact Termination Area Plating Material	Gold Flash
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel



Contact Underplating Material Thickness	.76 μm[30 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	.75 – 1.5 mm ²
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Accepts Wire Insulation Diameter Range	2.01 – 2.49 mm[.078 – .098 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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Packaging Quantity	200
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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 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 # 58495-2
PROCRIMPER DIE ASSY MULTIMATE



TE Part # 91505-1
CCII TYPE III+ 24-16 ASSY



TE Part # 200893-2
INSERTION TOOL CONT



TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE



TE Part # 91523-1
CCII TYPE III+ PIN SKT 24-16 ASSY



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



TE Part # 2063487-1
SDE TYPE III+ 0.2-2.5mm² ASSY



TE Part # 2063487-2
SDE TYPE III+ 0.2-2.5mm² DIE SET



TE Part # 91523-3
CCII TYPE III+ PIN SKT 24-16 HEAD



TE Part # 539668-2
MATRIZE TYPE 3+

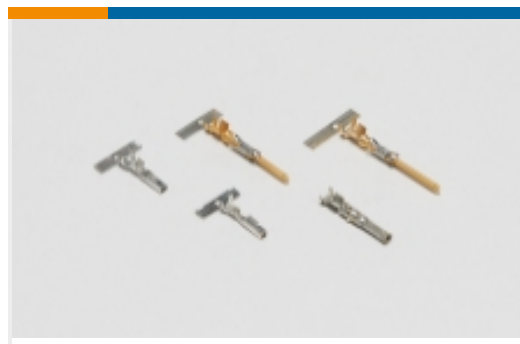


TE Part # 169422-1
MINI CERTI-LOK III+

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)



Power Contacts(414)

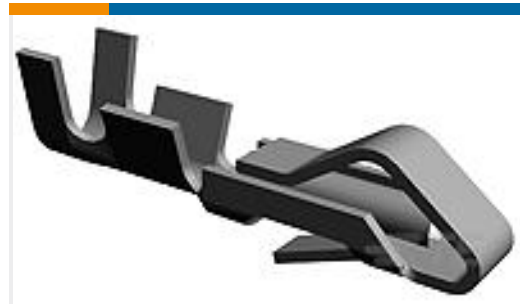
Customers Also Bought



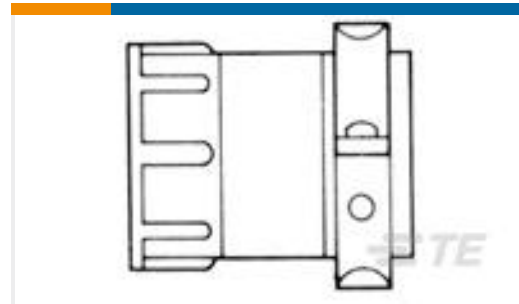
TE Part #208459-1
CMC RECPT ASSEMBLY SIZE 28



TE Part #166293-1
LP HD20 COSI PIN CONTACT DF; 24-20 AWG



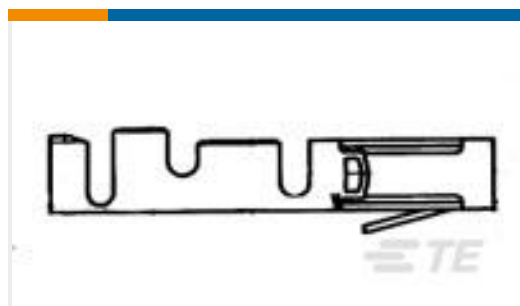
TE Part #640706-2
CONTACT .045 POST PT BRASS



TE Part #206358-6
CABLE CLAMP KIT, BULK PKG



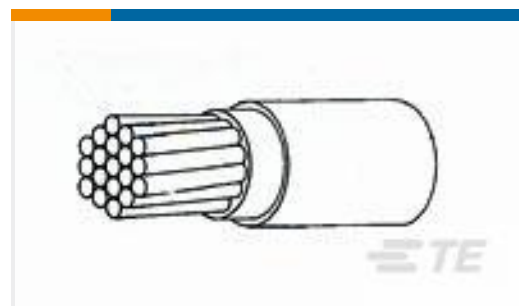
TE Part #1-1437012-0
609-003=HDW IDC JCKSOCKET ASSY



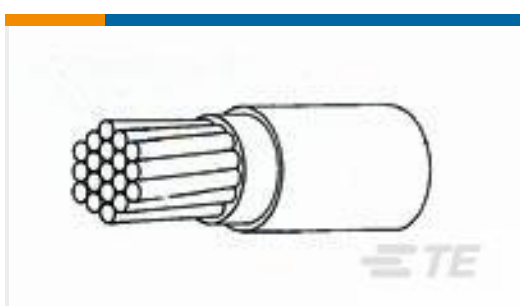
TE Part #280530-4
MOD2 BUCHSE



TE Part #182916-1
CPC SQ.FL.RCPT STD SEX



TE Part #282036-012
44A0111-22-6



TE Part #282044-017
44A0111-24-4

Documents

Product Drawings

SPEC. PLATED

English

SPEC. PLATED

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_1-163084-0_AY.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-163084-0_AY.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-163084-0_AY.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English