

163088-1 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 163088-1

Power Contacts, Contact, Tin, 24 – 20 AWG Wire Size, .2 – .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: **Tin**

Wire Size: **.2 – .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	Tin
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	2.03 μm[80 μin]
Contact Mating Area Plating Material Finish	Bright



Wire Contact Termination Area Plating Thickness	2.03 μm[80 μin]
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Wire Contact Termination Area Plating Material	Tin
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Wire Contact Termination Area Plating Material Finish	Bright
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Contact Orientation	Straight
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Contact Underplating Material	Nickel
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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[.043 – .07 in]
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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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Identification Marking

Color Code	Yellow
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Industry Standards

Agency/Standard	UL
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UL File Number	E28476
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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
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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

 <p>TE Part # 91515-1 CCII TYPE III+ MNL PIN SKT 30-20 ASSY</p>	 <p>TE Part # 58495-2 PROCRIMPER DIE ASSY MULTIMATE</p>	 <p>TE Part # 91505-1 CCII TYPE III+ 24-16 ASSY</p>	 <p>TE Part # 200893-2 INSERTION TOOL CONT</p>
 <p>TE Part # 58495-1 PRO CRIMPER ASSY MULTIMATE</p>	 <p>TE Part # 539972-1 EXTRACTION TOOL</p>	 <p>TE Part # 305183 EXTRACT TOOL TYPE 2 20-16</p>	 <p>TE Part # 2063487-1 SDE TYPE III+ 0.2-2.5mm² ASSY</p> <p>REPRESENTATION ONLY. DIE SET MAY VARY. TE</p>



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



TE Part # 2384426-2
SDE F TYPE III+ 0.56-0.12mm² DIE SET



TE Part # 91515-3
CCII TYPE III+ MNL PIN SKT 30-20 HEAD



TE Part # 2384426-1
SDE F TYPE III+ 0.56-0.12mm² ASSY HEAD

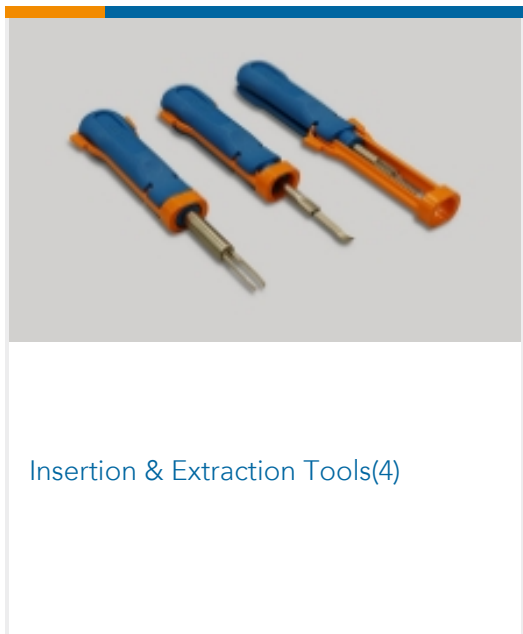


TE Part # 539668-2
MATRIZE TYPE 3+

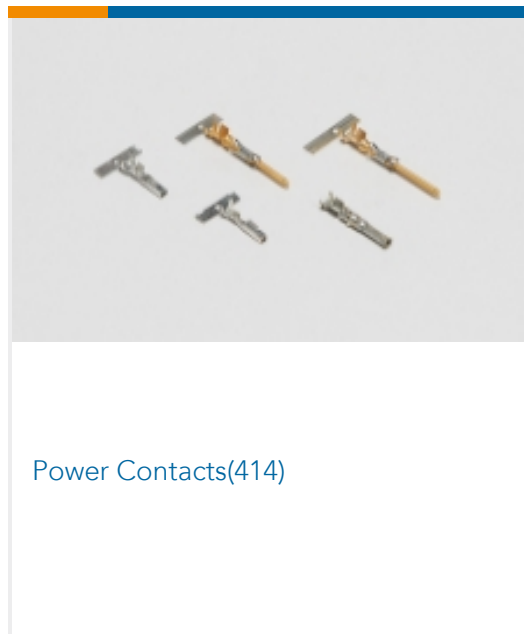


TE Part # 169475-1
MINI CERTI-LOK III+

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)

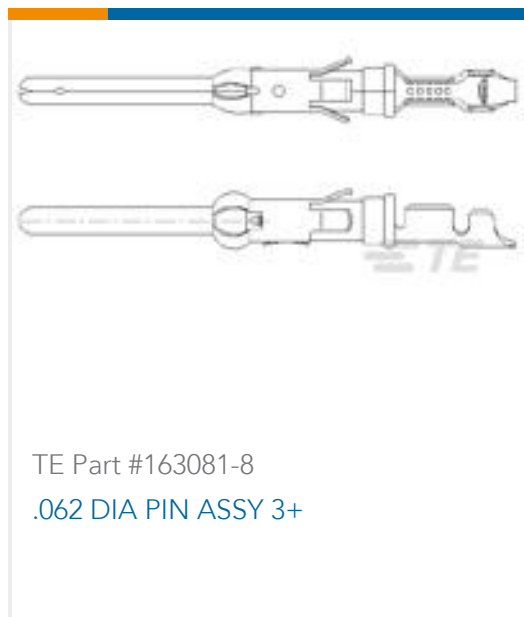


Power Contacts(414)

Customers Also Bought



TE Part #1-5179029-0
0.8FH,P06H.5,200,08/Sn,TU



TE Part #163081-8
.062 DIA PIN ASSY 3+



TE Part #182652-1
23 SIZE CPC STD CLAMP



TE Part #182647-1
11-4 CPC PLUG



TE Part #172128-2
FF 250 REC HSG 1P NYLON BLCAK



TE Part #925552-1
AM WIRE PIN 20-17 .013 BR



TE Part #F013703001
44A0111-12-0CK0001



TE Part #964091-2
2,5MM STIFT-KONTAKT



Documents

Product Drawings

[062 SOC.ASS. TYP3+](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_163088-1_AD.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_163088-1_AD.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_163088-1_AD.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English