



AMP | AMP Type III+

TE Internal #: 163088-2

Power Contacts, Contact, Gold, 24 – 20 AWG Wire Size, .2 – .5 mm<sup>2</sup> Wire Size, Wire & Cable, Crimp, Power & Signal, Socket, AMP Type III+

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts > Pin and Socket Contacts, Type III, LP EMEA



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.2 – .5 mm<sup>2</sup>**

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

[All Pin and Socket Contacts, Type III, LP EMEA \(27\)](#)

**Features**

**Product Type Features**

Compatible With Discrete Wire Type	Stranded
Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

**Contact Features**

Contact Size	Size 16
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	.076 μm[3 μin]
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Wire Contact Termination Area Plating Material	Gold Flash
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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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### 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 <sup>2</sup>
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Compatible Insulation Diameter Range	1.1 – 1.8 mm[.043 – .07 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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### Identification Marking

Contact Color Code	Yellow
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### Industry Standards

Agency/Standard	UL
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### Packaging Features

Packaging Quantity	200
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Packaging Method	Bag
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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: JUNE 2023 (235)
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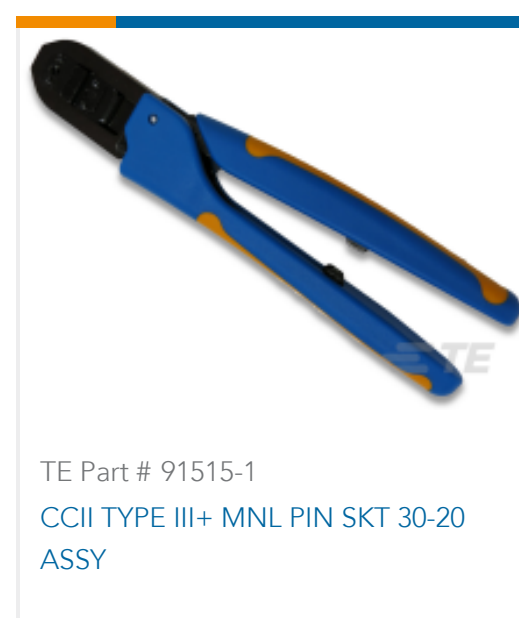
Candidate List Declared Against: JUNE 2023 (235)  
Does not contain REACH SVHC

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 # 2063487-2  
SDE TYPE III+ 0.2-2.5mm<sup>2</sup> DIE SET



TE Part # 2384426-2  
SDE F TYPE III+ 0.56-0.12mm<sup>2</sup> DIE SET



TE Part # 2384426-1  
SDE F TYPE III+ 0.56-0.12mm<sup>2</sup> ASSY

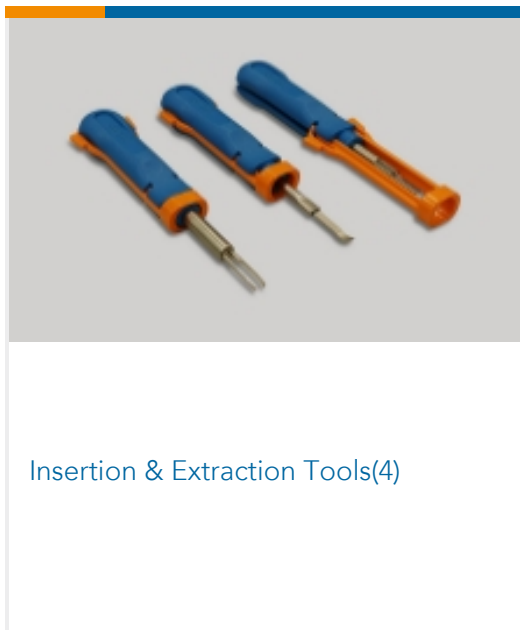


TE Part # 539668-2  
MATRIZE TYPE 3+

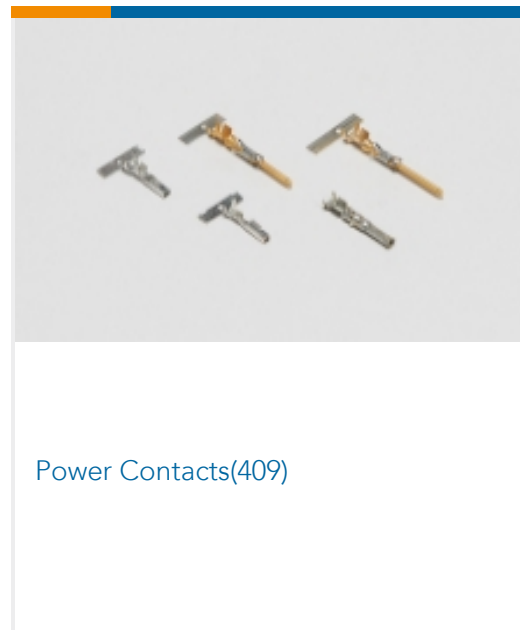


TE Part # 169475-1  
MINI CERTI-LOK III+

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)



Power Contacts(409)

Customers Also Bought



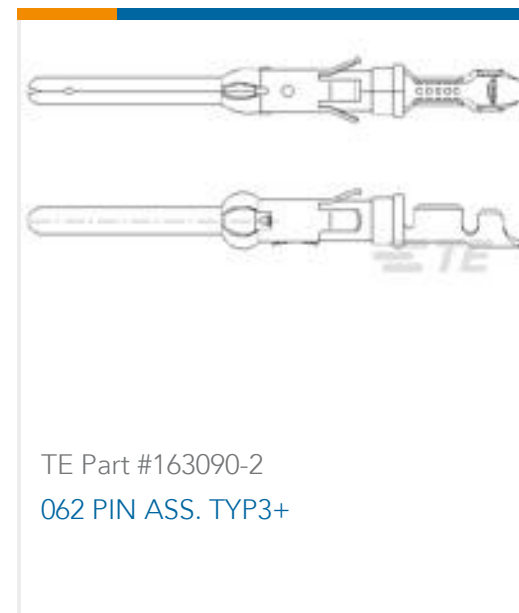
TE Part #3-2176402-6  
3540 220K 5%



TE Part #8-2176401-7  
3540 22R 5%



TE Part #2176402-2  
3540 330R 5%



TE Part #163090-2  
062 PIN ASS. TYP3+



TE Part #YDTS20F13-35PD0000  
SQUARE FLANGE RECEPTACLE



TE Part #2-826658-0  
20P AMPMODU II STIFT LEI



TE Part #1-2322421-1  
M12 A-M-8 CAB ASS (PLG-PLG) 6.0 M  
CAT 7



TE Part #1-2322421-6  
M12 A-M-8 CAB ASS (PLG-PLG) 8.5 M  
CAT 7



## Documents

### Product Drawings

[LOOSE PC SOCKET TYPEIII+ CONTACT SIZE16](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_163088-2\\_AD.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_163088-2\\_AD.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_163088-2\\_AD.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[Circular Hybrid Connectors](#)

English

### Product Specifications

[Product Specification](#)

English

### Product Environmental Compliance

[Product Compliance Document](#)

English

[Product Compliance Document](#)

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