

163092-1

✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 163092-1

Socket Contact, Tin, Size 16 Contact Size, 26 – 24 AWG Wire Size, .

12 – .2 mm² Wire Size, Crimp, Brass, Power & Signal, AMP Type III+[View on TE.com >](#)

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

Contact Type: **Socket**Contact Mating Area Plating Material: **Tin**Wire Contact Termination Area Plating Material: **Tin**Contact Retention Within Housing: **With**Contact Size: **Size 16**[All Pin and Socket Contacts, Type III, LP EMEA \(27\)](#)

Features

Product Type Features

Discrete Wire Type	Stranded
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Contact Features

Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	2.03 µm[80 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	2.03 µm[80 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin

Contact Retention Within Housing

With

Contact Size

Size 16

Contact Base Material

Brass

Contact Current Rating (Max)

13 A

Termination Features

Termination Method to Wire & Cable

Crimp

Product Terminates To

Wire & Cable

Mechanical Attachment

Wire Insulation Support

With

Dimensions

Compatible Insulation Diameter Range

.89 – 1.4 mm [.035 – .055 in]

Wire Size

.12 – .2 mm²**Usage Conditions**

Operating Temperature Range

-55 – 90 °C [-67 – 194 °F]

Operation/Application

Circuit Application

Power & Signal

Packaging Features

Packaging Quantity

200

Packaging Method

Bag, Loose Piece

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 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

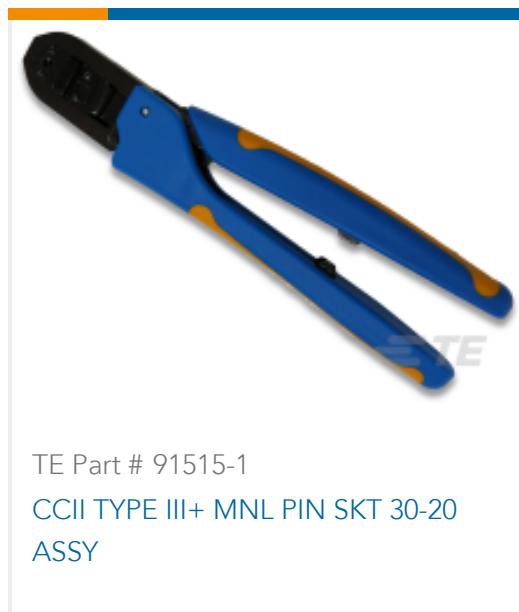
Solder Process Capability

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



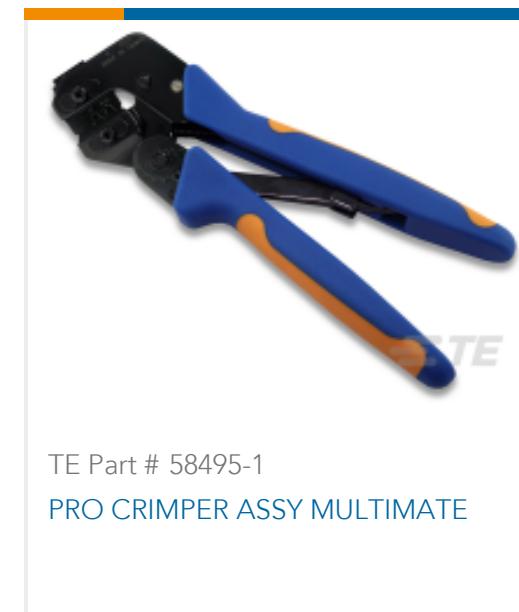
TE Part # 91515-1
 CCII TYPE III+ MNL PIN SKT 30-20
 ASSY



TE Part # 58495-2
 PROCRIMPER DIE ASSY MULTIMATE



TE Part # 200893-2
 INSERTION TOOL CONT



TE Part # 58495-1
 PRO CRIMPER ASSY MULTIMATE



TE Part # 539972-1
 EXTRACTION TOOL



TE Part # 305183
 EXTRACT TOOL TYPE 2 20-16



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

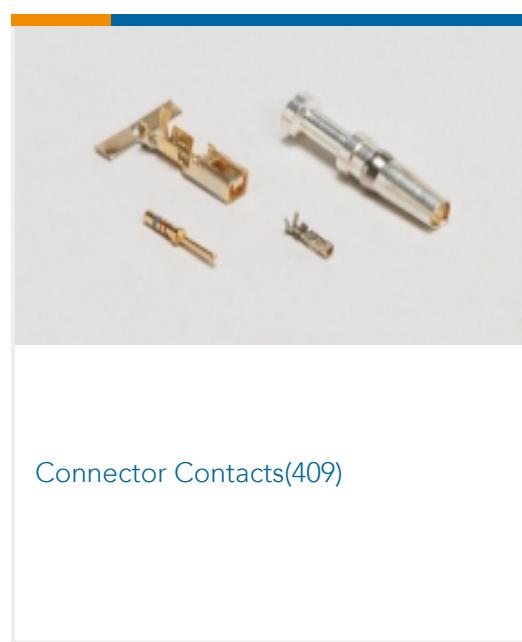


TE Part # 2384426-1
 SDE F TYPE III+ 0.56-0.12mm² ASSY

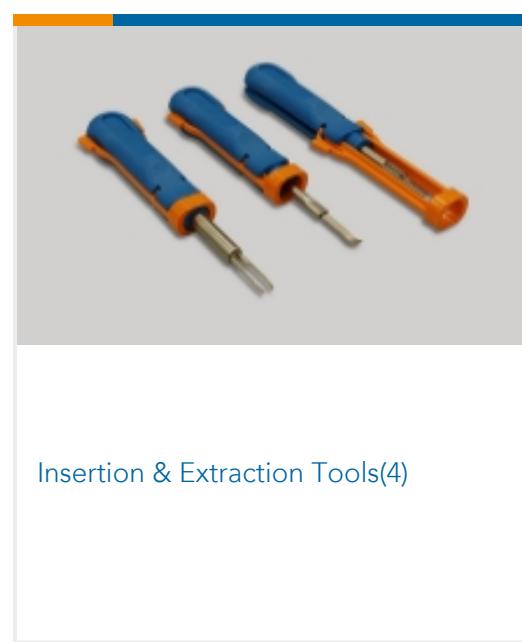


TE Part # 169400
 CERTI-LOK FRAME W/O DIES

Also in the Series | AMP Type III+

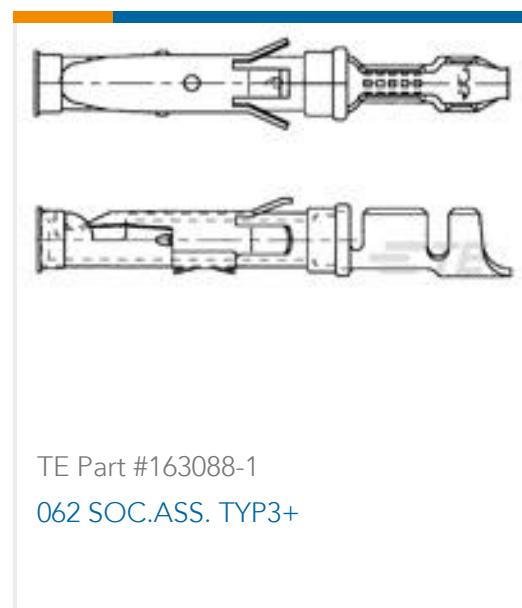


Connector Contacts(409)



Insertion & Extraction Tools(4)

Customers Also Bought

TE Part #54010-1
CPC STRAIN RELIEF,SIZE 11TE Part #163088-1
062 SOC.ASS. TYP3+TE Part #66105-4
III+ SKT,24-20,30AU/FL,LPTE Part #640454-6
06P MTA100 HDR ASSY SQ STR POLTE Part #5-826629-0
50P AMPMODU II PIN HDR.TE Part #1623174-1
CRG0805 1% 2K2TE Part #6-1393243-3
RT424012TE Part #1623502-1
CRG1206 1% 3K3TE Part #206043-5
CPC REcpt ASSEMBLY SIZE 17-14

Documents

Product Drawings

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

English

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

English

CAD Files

[3D PDF](#)

3D

Customer View Model[ENG_CVM_CVM_163092-1_Y.2d_dxf.zip](#)

English

Customer View Model[ENG_CVM_CVM_163092-1_Y.3d_igs.zip](#)

English

Customer View Model[ENG_CVM_CVM_163092-1_Y.3d_stp.zip](#)

English

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

English