



AMP | AMP Type III+

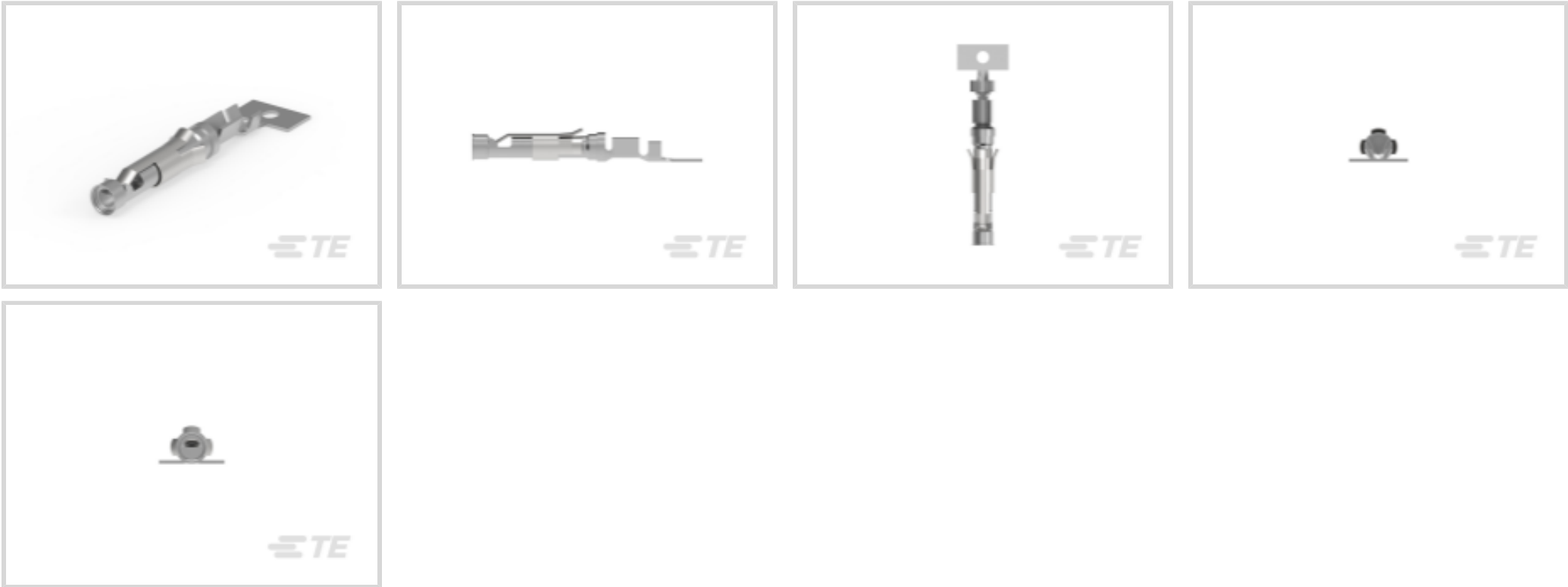
TE Internal #: 163088-1

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 > Pin and Socket Contacts, Type III, LP EMEA



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.2 – .5 mm²**

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

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

Features

Product Type Features

Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Test Current	13 A
--------------	------

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]
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]
Contact Size	16

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

Dimensions

Wire Size	.2 – .5 mm²
Accepts Wire Insulation Diameter Range	1.1 – 1.8 mm[.043 – .07 in]

Usage Conditions

Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
-----------------------------	---------------------------

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Identification Marking

Color Code	Yellow
------------	--------

Industry Standards

Agency/Standard	UL
UL File Number	E28476

Packaging Features

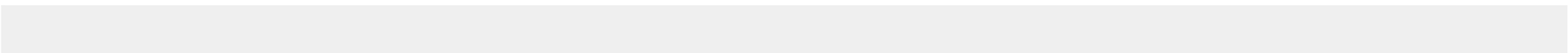
Packaging Method	Bag
Packaging Quantity	200

Other

Wire Type	Regular Wire
-----------	--------------

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: JUNE 2022 (224) 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 # 91505-1
CCII TYPE III+ 24-16 ASSY

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 # 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 # 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(410)

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



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

Product Specifications

Product Specification

English