163083-8 ✔ ACTIVE

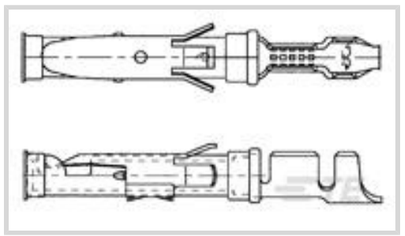
AMP | AMP Type III+

TE Internal #: 163083-8

AMP Type III+, Power Contacts, Contact, Tin, 18 – 16AWG Wire Size, .75 – 1.5mm² Wire Size, Wire & Cable, Crimp, 13A Contact Current Rating (Max)

View on TE.com >

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.75 – 1.5 mm²**

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

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 Material 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	.75 – 1.5 mm²
Accepts Wire Insulation Diameter Range	2 – 2.5 mm[.078 – .098 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Color Code	Blue

Packaging Features

Packaging Method	Reel
Packaging Quantity	5000

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 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 # 539972-1
EXTRACTION TOOL



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



TE Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 2151023-1
OCEAN_2.0_Applicator-S-080F120O



TE Part # 2-2151023-1
OCEAN_2.0_Applicator-S-080F120O



TE Part # 2-2151023-2
OCEAN_2.0_Applicator-S-080F120O



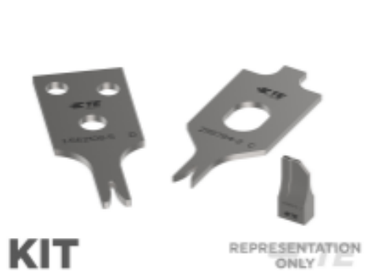
TE Part # 2151023-2
OCEAN_2.0_Applicator-S-080F120O



TE Part # 5-2151023-1
OCEAN_2.0_Applicator-S-080F120O



TE Part # 5-2151023-2
OCEAN_2.0_Applicator-S-080F120O



TE Part # 7-2151023-7
OCEAN_2.0_SPARE_PART_KIT-080F120O

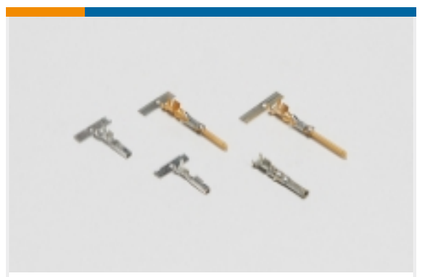


TE Part # 169422-1
MINI CERTI-LOK III+

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)



Power Contacts(405)

Customers Also Bought



TE Part #163085-9
TYPE III CONTACTS STRIP EMEA



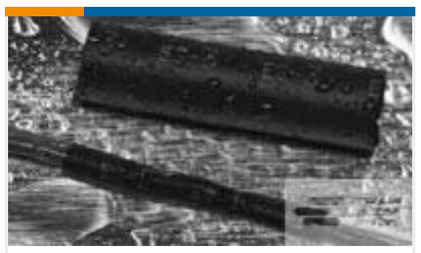
TE Part #130126
PG RING



TE Part #1418984-1
TIMER, CONNECTOR HOUSING



TE Part #1-953892-1
MQS, CONNECTOR HOUSING



TE Part #121397P023
ES2000-NO.3-B8-0-27MM



TE Part #1480968-1
ASSY 4 POSN. 2,8MM REC.



TE Part #153210-2
3 M/M LANCED PIN



TE Part #1-2035366-0
AMPSEAL 16 BACKSHELLS

TE Part #HDP26-24-16PE-L017
PLG, 16P, BLK, E, RNG, 12, P

Documents

Product Drawings

.062 DIA SOC.ASS.3+

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_163083-8_AY.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_163083-8_AY.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_163083-8_AY.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

Product Environmental Compliance

MD_163083-8_030120111125

English

MD_163083-8_030120111125

English