



AMP | AMP Type III+

TE Internal #: 163083-7

Power Contacts, Contact, Gold, 18 – 16 AWG Wire Size, .75 – 1.5 mm² Wire Size, Wire & Cable, Crimp, Power & Signal, Socket, AMP Type III+

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

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	Gold
Contact Current Rating (Max)	13 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1.58 mm[.062 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Wire Contact Termination Area Plating Thickness	1.01 μm[40 μin]
Wire Contact Termination Area Plating Material	Tin
Contact Orientation	Straight



Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μm[50 μin]
Barrel Type	Open Barrel
Contact Size	16

Termination Features

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

Mechanical Attachment

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

Dimensions

Wire Size	.75 – 1.5 mm ²
Accepts Wire Insulation Diameter Range	2 – 2.5 mm[.079 – .098 in]
Overall Length	20.57 mm[.81 in]

Usage Conditions

Operating Temperature Range	-50 – 150 °C[-58 – 302 °F]
-----------------------------	----------------------------

Operation/Application

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

Identification Marking

Color Code	Blue
------------	------

Industry Standards

Agency/Standard	UL
UL Rating	Recognized
UL File Number	E28476

Packaging Features

Packaging Method	Reel
Packaging Quantity	5000

Other

Wire/Cable Type	Discrete Wire
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: 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

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 # 2151023-1
OCEAN_2.0_Applicator-S-080F1200

TE Part # 2-2151023-1
OCEAN_2.0_Applicator-S-080F1200




TE Part # 2-2151023-2
OCEAN_2.0_Applicator-S-080F1200



TE Part # 2151023-2
OCEAN_2.0_Applicator-S-080F1200



TE Part # 5-2151023-1
OCEAN_2.0_Applicator-S-080F1200



TE Part # 5-2151023-2
OCEAN_2.0_Applicator-S-080F1200




KIT
REPRESENTATION ONLY

TE Part # 7-2151023-7
OCEAN_2.0_SPARE_PART_KIT-080F1200

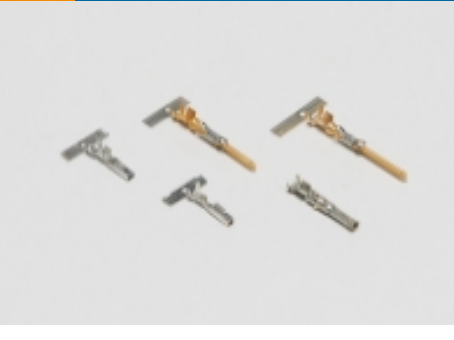


TE Part # 169422-1
MINI CERTI-LOK III+

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)



Power Contacts(414)

Customers Also Bought



TE Part #T2010033101-000
HA-003-MS




TE Part #T2010033201-000
HA-003-FS

TE Part #1-164161-3
TYPE III+ PIN ASSY

TE Part #T1932241000-100
H24BPR-AGC

TE Part #T9529211000-000
K21-4XPG16



TE Part #3-1102703-5
EMV.3/4.AG



TE Part #2-1103033-3
HD.64.BU.C



TE Part #1102760-2
EMV.24/64.AG



Documents

Product Drawings

[.062 DIA SOC.ASS 3+](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_163083-7_AY.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_163083-7_AY.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_163083-7_AY.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Heavy Duty Connectors](#)

English

Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English