



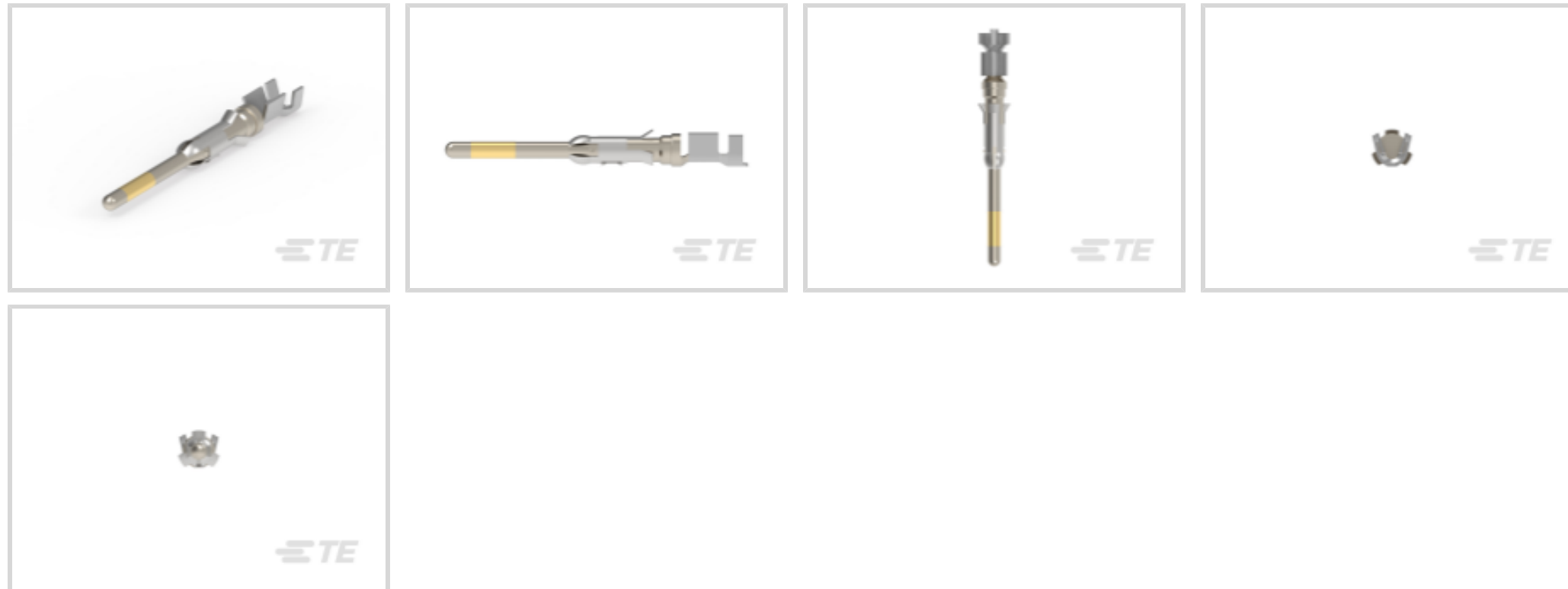
AMP | AMP Type III+

TE Internal #: 164161-4

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

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Precious Metal**

Wire Size: **.75 – 1.5 mm²**

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

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 Shape & Form	Round
Barrel Type	Open
Contact Mating Area Plating Material	Precious Metal
Contact Current Rating (Max)	13 A
Contact Type	Pin
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]

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Snap-In
Wire Insulation Support	With

Dimensions

Wire Size	.75 – 1.5 mm ²
Compatible Insulation Diameter Range	2 – 2.5 mm[.079 – .098 in]

Usage Conditions

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

Operation/Application

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

Identification Marking

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

Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

Other

Power Connectors Comment	Leading Pin (1.8mm longer than standard pins), Overall insulation crimp diameter, including crimp barrel, must not exceed 3.18 [.125].
--------------------------	--

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 # CAT-AM71-C83998C
 Circular Plastic Connector, CMC Series 1



TE Part # CAT-AM71-C83998Y
 One-Piece Connector, Sealed, CPC Series 1



TE Part # CAT-AM71-C83998J
 Cable/Panel Mount Connector, CPC Series 1



TE Part # CAT-AM71-C83998K
 Circular Connector, Environmentally Sealed, CPC Series 6



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 # 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

TE Part # 7-2151023-1
OCEAN_2.0_Applicator-S-080F1200

TE Part # 7-2151023-2
OCEAN_2.0_Applicator-S-080F1200

KIT
REPRESENTATION ONLY

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

KIT
REPRESENTATION ONLY

TE Part # 7-2266601-7
OC-080F1200-752-CRIMPTOOLINGKIT

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

Also in the Series | AMP Type III+

Insertion & Extraction Tools(4)

Power Contacts(409)

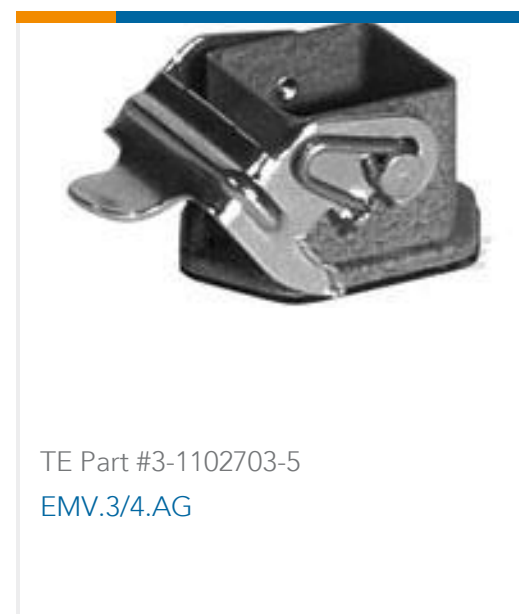
Customers Also Bought

TE Part #3-2176314-9
MELF SMA_A 220R 1% 50PPM 0102 0.3 W

TE Part #4525DO-TP3AJ030APF
PRESS XDCR,DIGITAL,PSI RANGE

TE Part #1-100103-4
14P.A/L.STRAIN REL.

TE Part #1571218-6
TACT,SMT,12X12,SEALD,260GR,T&R



Documents

Product Drawings

M-SRS.PIN BODY 3+

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_164161-4_W.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_164161-4_W.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_164161-4_W.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

AMP Circular Connectors for Commercial Signal & Power Applications

English

Signal Contacts

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English



Product Specifications

Product Specification

English

Product Environmental Compliance

MD_164161-4_01262014239_dmtec

English

MD_164161-4_01262014239_dmtec

English