



AMP | AMP Type III+

TE Internal #: 1-66106-5

Power Contacts, Contact, Tin, 26 – 24 AWG Wire Size, .12 – .2 mm²

Wire Size, Wire & Cable, Crimp, Power & Signal, Pin, AMP Type III+

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts > Strip Pin and Socket Contacts, Type III



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.12 – .2 mm²**

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

[All Strip Pin and Socket Contacts, Type III \(55\)](#)

Features

Product Type Features

Compatible With Discrete Wire Type	Solid, 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	Tin
Contact Current Rating (Max)	13 A
Contact Type	Pin
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	2.54 μm[100 μin]



Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material	Tin
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Dimensions

Wire Size	.12 – .2 mm ²
Compatible Insulation Diameter Range	.89 – 1.4 mm[.035 – .055 in]

Usage Conditions

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

Circuit Application	Power & Signal
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Identification Marking

Contact Color Code	Black
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Industry Standards

Agency/Standard	CSA
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Packaging Features

Packaging Quantity	4000
Packaging Method	Reel, Reverse Reel

Other

Power Connectors Comment	Overall insulation crimp diameter, including crimp barrel, must not exceed 3.18 [.125]., PRO-CRIMPER II # 58495-1 Hand Tool for field repair use only.
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 # 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
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 2266335-1
OCEAN_2.0_APPLICATOR-S-055F0700



TE Part # 2-2266335-1
OCEAN_2.0_APPLICATOR-S-055F0700



TE Part # 2-2266335-2
OCEAN_2.0_APPLICATOR-S-055F0700A



TE Part # 2266335-2
OCEAN_2.0_APPLICATOR-S-055F0700A



TE Part # 7-2266335-1
OCEAN_2.0_APPLICATOR-S-055F0700



TE Part # 7-2266335-2
OCEAN_2.0_APPLICATOR-S-055F0700A




KIT
REPRESENTATION ONLY


TE Part # 7-2266335-7
OCEAN_2.0_SPARE_PART_KIT-055F0700

TE Part # 466908-2
SCA SMPR055F0700S

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)



Power Contacts(409)

Customers Also Bought



TE Part #166051-1
24-20 AWG HD-20 SOCKET



TE Part #62833-1
MAG-MATE POKE-IN TERM 016TPBR



TE Part #62935-1
MAG-MATE TERM 27-23 016 TPBR



TE Part #770146-1
.093 CP&S SOK PTPBR LP 24-18



TE Part #1623169-1
CRG0805 1% 270R



TE Part #2834088-1
3.81MM SIDE ENTRY MSC 2P_GY



TE Part #2176464-7
HCH215 300W 82R 5% LEAD



TE Part #2600022-3
2CCT GREY RECEP W/LARGE SEAL



TE Part #2-1437507-5
8136-651P2=PIN 3.2.1 GOLD PLAT

Documents

Product Drawings

III+ PIN,26-24,TIN,STRIP

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-66106-5_AS.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-66106-5_AS.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66106-5_AS.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

[Signal Contacts](#)

English

[M_SERIES_PIN_AND_SOCKET_CONNECTORS](#)

English

Product Specifications



Application Specification

English

Product Environmental Compliance

TE Material Declaration

English