

66359-9 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 66359-9

Power Contacts, Contact, Gold, 18 – 14 AWG Wire Size, .8 – 2 mm²

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

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts > TYPE III CONTACTS STRIP



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.8 – 2 mm²**

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

[All TYPE III CONTACTS STRIP \(55\)](#)

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	Pin
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.38 μm[15 μin]
Wire Contact Termination Area Plating Thickness	1.27 μm[50 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]
---	-----------------

Contact Size	16
--------------	----

Termination Features

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

Mechanical Attachment

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

Dimensions

Wire Size	.8 – 2 mm ²
-----------	------------------------

Accepts Wire Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]
--	-----------------------------

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
-----------------------------	----------------------------

Operation/Application

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

Packaging Features

Packaging Method	Reel
------------------	------

Packaging Quantity	4000
--------------------	------

Other

Wire/Cable Type	Discrete Wire
-----------------	---------------

For Use With	CPC Connectors, G Series Connectors, M Series Connectors
--------------	--

Comment	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 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 # CAT-AM71-C83998C
CMC SERIES 1

TE Part # CAT-AM71-C83998Y
CPC SERIES 1 SEALED ONE-PIECE

TE Part # CAT-AM71-C83998J
CPC SERIES 1

TE Part # CAT-AM71-C83998K
CPC SERIES 6

TE Part # 91519-1
CCII TYPE III+ PIN SKT 18-14 ASSY

TE Part # 200893-2
INSERTION TOOL CONT

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 # 1-305183-1
EXTRACT TOOL MATE-N-LOK P



TE Part # 2-2151101-1
OCEAN_2.0_APPLICATOR-S-090F1200



TE Part # 2-2151101-2
OCEAN_2.0_APPLICATOR-S-090F1200



TE Part # 2-2151102-2
OCEAN_2.0_Appliator-S-046F059F



TE Part # 2151101-1
OCEAN_2.0_APPLICATOR-S-090F1200



TE Part # 2151101-2
OCEAN_2.0_APPLICATOR-S-090F1200



TE Part # 7-2151101-1
OCEAN_2.0_APPLICATOR-S-090F1200



TE Part # 7-2151101-2
OCEAN_2.0_APPLICATOR-S-090F1200




KIT
REPRESENTATION ONLY


TE Part # 7-2151101-7
OCEAN_2.0_SPARE_PART_KIT-090F1200

TE Part # 466923-2
SCA SMPR090F1200S

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)



Power Contacts(414)

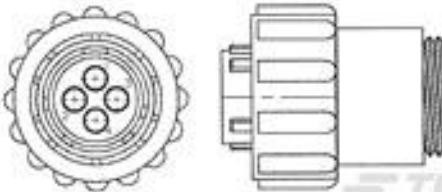
Customers Also Bought



TE Part #796095-2
CPC SERIES 1 SEALED ONE-PIECE



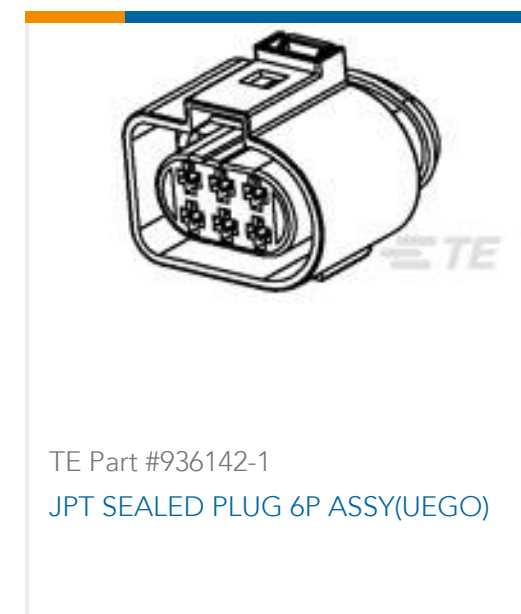
TE Part #3-641126-8
08P MTA100 HDR ASY FL/STR LF



TE Part #788157-1
SLD CPC 13-9 PLUG,STD,SM INS



TE Part #211772-3
CPC PLUG ASSEMBLY SIZE 23-19



Documents

Product Drawings

III+ PIN,18-14,15AU/FL,STRIP

English

CAD Files

Customer View Model

[ENG_CVM_CVM_66359-9_AG.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_66359-9_AG.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66359-9_AG.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

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English