1050903-1 SUPERSEDED

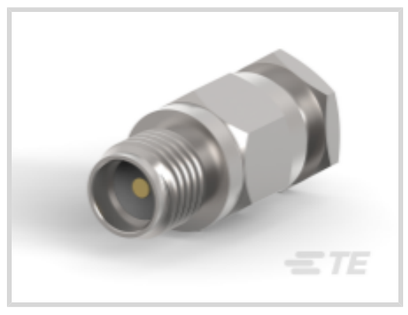
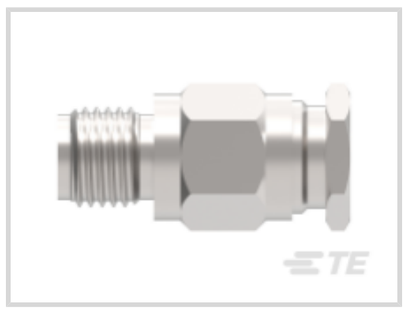
AMP | SMA

TE Internal #: 1050903-1

TE Internal Description: 2002 7188 02

View on TE.com >

Connectors > RF Connectors > Coax Connectors




RF Interface: **SMA**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **6.35 mm [.25 in]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Retractable Collar**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω

Body Features

Body Material	Stainless Steel
Body Material Finish	Passivated

Contact Features

RF Connector Contact Configuration	Captivated
RF Connector Center Contact Underplating Material	Copper
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Clamp

Mechanical Attachment

RF Connector Coupling Mechanism	Retractable Collar
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Screw
Detent	Without

Housing Features

Body Orientation	Straight

Dimensions

Product Length	17.78 mm[.7 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Packaging Features

Packaging Method	Package

Other

Dielectric Material	TFE Fluorocarbon

Product Compliance

For compliance documentation, visit the product page on TE.com>

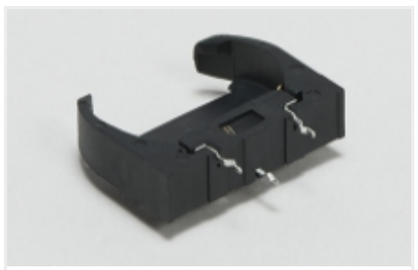
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Bromine/Chlorine - Br and Cl < 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | SMA



Battery Holders(1)



Connector Adapters & Connector Savers(8)



Connector Caps & Covers(3)



Connector Strain Relief(1)

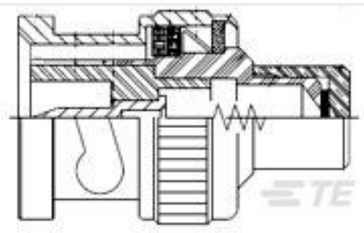


RF Cable Assemblies(119)

Customers Also Bought



TE Part #FX1901-0001-0200-L
200 LBF COMPRESSION LOAD CELL 100MV



TE Part #1-1337523-0
BNC Plg Term 50Ohm Nickel Pltd



TE Part #1-1437719-8
T01-0550-P04-MALE PLUG CONNECTOR SOLDER



TE Part #5-1437719-7
T01-0560-S04-FEMALE REC PANEL-PCB MNT RA



TE Part #1-1478008-0
SMB R/A Plg PS 50Ohn Gold Pltd RG174A/U,



TE Part #5-1622796-1
YR1 0.1% 249K



TE Part #1623470-1
CRG1206 1% 270R



TE Part #1676687-2
RN 0805 34R8 0.1% 10PPM 1K RL



TE Part #1-2176217-1
CPF A 0805 33R 0.1% 25PPM 1K RL



TE Part #5-2176217-3
CPF A 0805 18K 0.1% 25PPM 1K RL

Documents

Product Drawings

2002 7188 02

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1050903-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1050903-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1050903-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

SMA Connectors

English

Instruction Sheets

Instruction Sheet (U.S.)

English