

CONSMA011-G

✓ ACTIVE

SMA

TE Internal #: CONSMA011-G

SMA Connector, Jack, 50 ohm, RG 174 / RG 188 / RG 316

Compatible With RF Cable Type, Threaded, 18 GHz, 1 Position,
Wire & Cable, SMA

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Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Jack**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 174, RG 188, RG 316**

RF Connector Coupling Mechanism: **Threaded**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
Compatible With RF Cable Type	RG 174, RG 188, RG 316
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Brass
Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

Ferrule Plating Material	Gold
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Ferrule Material	Brass
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical
Detent	Without

Housing Features

Body Orientation	Straight
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Usage Conditions

Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
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Operation/Application

Circuit Application	Signal
Operating Frequency Range	18 GHz

Packaging Features

Packaging Quantity	100
Packaging Method	Tray

Other

Dielectric Material	Polytetrafluoroethylene (PTFE)
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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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold:



Pb (4.45% in Component Part)

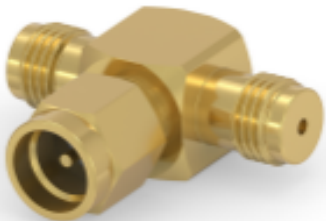
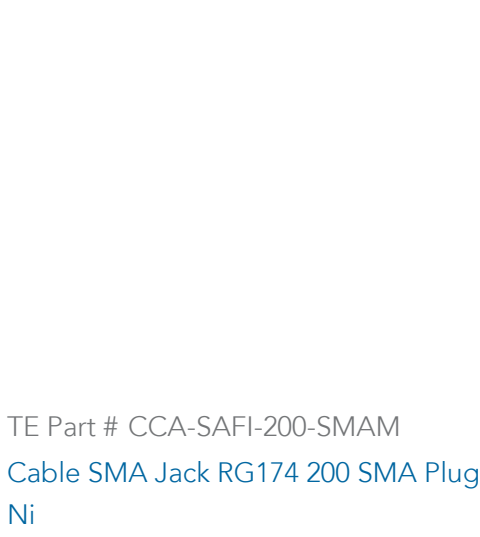
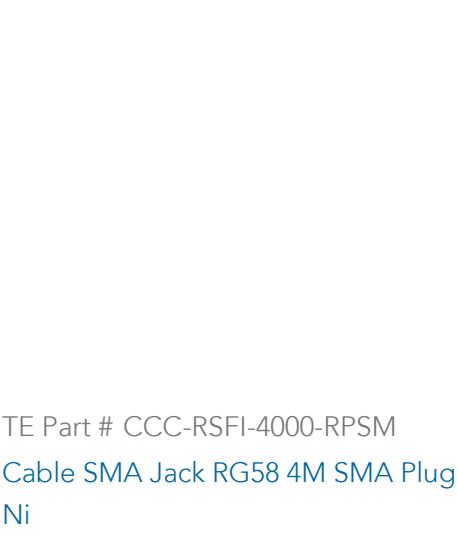
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not reviewed 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.

Compatible Parts

 TE Part # ADP-SMAM-SMAF-T-G SMA Plug to SMA Jack (2) Tee	 TE Part # ADP-SMAM-MMXF SMA Jack to MMCX Jack	 TE Part # ADP-SMAM-SMBM-G SMA Plug to SMB Plug	 TE Part # ADP-SMAF-BNCM SMA Jack to BNC Plug
 TE Part # CSA-RPSM-216-SAFB SMA to RP-SMA 216mm RG174	 TE Part # ADP-SMAM-RPSF SMA Plug to RP-SMA Jack	 TE Part # CCA-SAFI-200-SMAM Cable SMA Jack RG174 200 SMA Plug Ni	 TE Part # CCC-RSFI-4000-RPSM Cable SMA Jack RG58 4M SMA Plug Ni

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SMA Connector, Jack, 50 ohm, RG 174 / RG 188 / RG 316 Compatible With RF Cable
Type, Threaded, 18 GHz, 1 Position, Wire & Cable, SMA



TE Part # CCC-RSFI-1829-RPSM
Cable SMA Jack RG58 1.8M SMA Plug
Ni

TE Part # CCA-SAFI-125-SMAM
Cable SMA Jack RG174 125 SMA Plug
Ni

TE Part # ADP-SMAF-NF-B-W
SMA Jack to N Jack

TE Part # ADP-SMAF-MCXM
SMA Jack to MCX Plug

TE Part # ADP-SMAF-SMPF-G
SMA Jack to SMP Jack

TE Part # ADP-SMAF-MMXM
SMA Jack to MMCX Plug

TE Part # CCA-MCXF-152-RPSM
Cable MCX Jack RG174 152 RPS Plug
Ni

TE Part # CCA-RSFI-292-SMAM
Cable RPS Jack RG174 292 SMA Plug
Ni

TE Part # CONSMA010
SMA Jack to SMA Plug RA

TE Part # ADP-SMAF-NM
SMA Jack to N Type Plug

TE Part # CSA-SMAM-216-SAFB
SMA to SMA 216mm RG174

TE Part # ADP-SMAF-SMAF-F-G
SMA Jack to SMA Jack Flange

Also in the Series | SMA

Connector Adapters & Connector
Savers(8)

Customers Also Bought

TE Part #CONSMA007-G
SMA Plug 50 Ohm Cable Crimp

TE Part #CAT-HST-RNF3000
RNF-3000 Heat Shrink Tubing

TE Part #34142
PG R 22-16 COMM 22-18 MIL 6

TE Part #2-87456-0
24 MODIV HSG DR MRKD .100CL

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Type, Threaded, 18 GHz, 1 Position, Wire & Cable, SMA



TE Part #4-2176611-5
EP 2W (SS) 68R 5%

TE Part #2298116-1
MATE-AX, Socket outer contact, RTK 031

TE Part #5415025-1
JACK, RTANG, PCB, 50 OHM, BNC

TE Part #ZPF0000000000003756
732-8069-00 A1064

TE Part #1-104482-3
30 SHORT PT RCPT HSG DR .100CL

Documents

Product Drawings

SMA Jack 50 Ohm Cable Crimp

English

CAD Files

Customer View Model

ENG_CVM_CVM_CONSMA011-G_A1.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_CONSMA011-G_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_CONSMA011-G_A1.3d_igs.zip

English

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

Datasheets & Catalog Pages

SMA FEMALE CABLE END CRIMP FOR RG-174 CABLE

English