

CONSMA007-G ✓ ACTIVE

TE Internal #: CONSMA007-G
SMA RF Interface, Plug, 50 Ω , RG 188 / RG 174 / RG 316, Threaded,
18 GHz Operating Frequency, 1 Position, Wire & Cable, Cable
Mount (Free-Hanging)

[View on TE.com >](#)



Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Plug**

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	Plug
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

Cable Connector Orientation	Straight
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
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

Usage Conditions

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

Operating Frequency	18 GHz
Circuit Application	Signal

Packaging Features

Packaging Quantity	100
Packaging Method	Tray

Other

Dielectric Material	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	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) SVHC > Threshold: Pb (4% 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

 <p>TE Part # ADP-RPSM-SMAF RP-SMA Plug to SMA Jack</p>	 <p>TE Part # ADP-RPSM-SMAF-G RP-SMA Plug to SMA Jack</p>	 <p>TE Part # ADP-SMAF-BNCM SMA Jack to BNC Plug</p>	 <p>TE Part # ADP-SMAF-MCXM SMA Jack to MCX Plug</p>
 <p>TE Part # ADP-SMAF-MMXM SMA Jack to MMCX Plug</p>	 <p>TE Part # ADP-SMAF-NF-B-W SMA Jack to N Jack</p>	 <p>TE Part # ADP-SMAF-NM SMA Jack to N Type Plug</p>	 <p>TE Part # ADP-SMAF-SMAF SMA Jack to SMA Jack</p>
 <p>TE Part # ADP-SMAF-SMAF-B-G SMA Jack to SMA Jack Bulkhead</p>	 <p>TE Part # ADP-SMAF-SMAF-F-G SMA Jack to SMA Jack Flange</p>	 <p>TE Part # ADP-SMAF-SMAF-G SMA Jack to SMA Jack</p>	 <p>TE Part # L9000001-01 SMA Jack to SMA Jack Bulkhead</p>



TE Part # ADP-SMAF-SMBF-G
SMA Jack to SMB Jack



TE Part # ADP-SMAF-SMBM-G
SMA Jack to SMB Plug



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



TE Part # ADP-SMAF-SMPM-SSB
SMA Jack to SMP Plug Bulkhead



TE Part # ADP-SMAF-TNCF-B
SMA Jack to TNC Jack Bulkhead



TE Part # ADP-SMAF-UFLM
SMA Jack to U.FL/MHF1 Plug



TE Part # ADP-SMAM-SMAF-T-G
SMA Plug to SMA Jack (2) Tee



TE Part # L9000351-01
Magnetic Base RPS Jack MR195 1M
SMA Plug

Customers Also Bought



TE Part #213932-3
M-SERIES KIT, V.35, 34P, UNASSM



TE Part #4-1633738-3
CRIMPER, WIRE F



TE Part #CONREVSMA012-R58
RP-SMA RA Plug 50 Ohm PCB Cable
Crimp



TE Part #L9000266-01
SMA Jack 50 Ohm .062 PCB Edge
Mount



TE Part #CON SMA012
SMA RA Plug 50 Ohm Cable Crimp



TE Part #CON SMA012-R58
SMA Plug 50 Ohm Cable Crimp



TE Part #CON SMA018-4-G
SMA Jack 50 Ohm Panel Mount



TE Part #CSD-SMAM-610-NM
SMA to SMA 610mm RG58



TE Part #1-2221760-2
AMPLIMITE IP67, SZ2, 90, 26 POS,
RCPT

Documents



Product Drawings

[SMA Plug 50 Ohm Cable Crimp](#)

English

Datasheets & Catalog Pages

[SMA CABLE END CRIMP FOR RD-174 CABLE](#)

English