External GSM Antenna

APAMS-118



108.1xØ10.0mm

RoHS/RoHS II compliant
Lead in copper alloy exemption (6c); and Lead in glass exemption (7c-I)

MSL level: Not Applicable

FEATURES:

- High Reliability/ Sensitivity
- Compact Size
- Easy to install
- ROHS Compliant

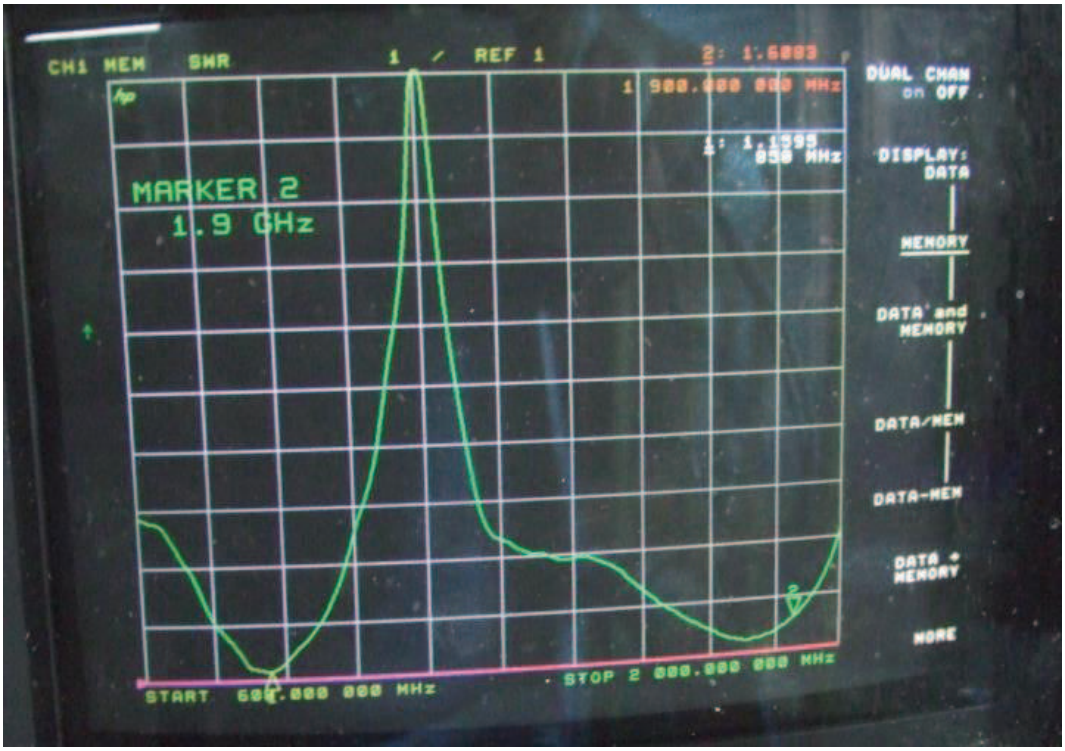
TYPICAL APPLICATIONS:

- Wireless Communications
- GSM
- GPRS
- CDMA
- UMTS
- Vehicle Monitoring

STANDARD SPECIFICATIONS:

Parameters	Min.	Typ.	Max.	Units	Note
Frequency Range	890		960	MHz	(GSM900)
	1710		1880	MHz	(GSM1800)
Bandwidth		70		MHz	(@900MHz)
		170		MHz	(@1800MHz)
VSWR		2:1			
Polarization Model		Linear Polarization			
Impedance		50		Ω	
Gain		2		dBi	(@900MHz)
		3		dBi	(@1800MHz)
Azimuth		Omni-Directional			
Operating Temperature	-45		+85	˚C	
Storage Temperature	-45		+85	˚C	

S11 CHARACTERISTICS



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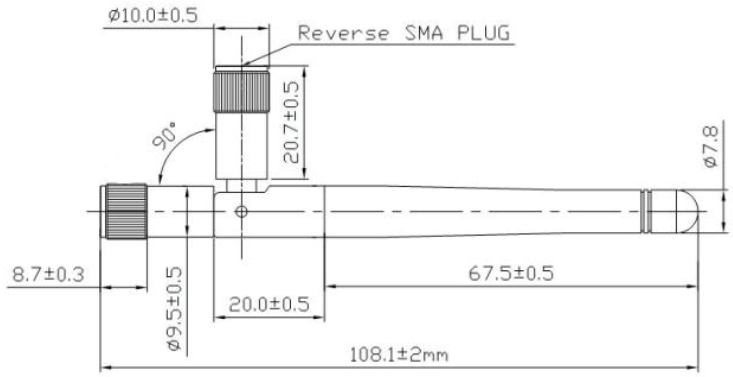
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OUTLINE DRAWING:

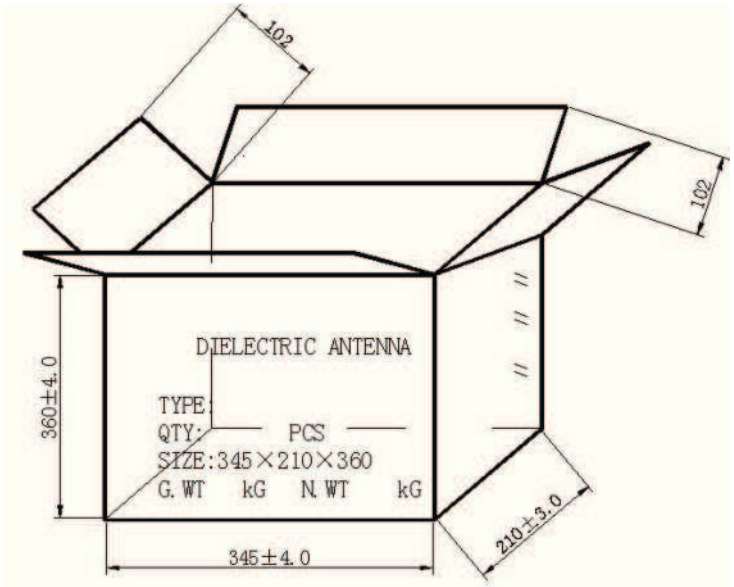


Parameters	Description
RF Connector	SMA-J3
Radiator	Nickel-plated
Weight	10g
Enclosures	Plastic
Color	Black

Unit: mm

PACKAGING:

Package Type	Quantity
Plastic bag	1 pcs/ Plastic bag
Outer Box	1000 pcs/box



Outer box

CAUTION:

(1) Do not apply excess mechanical stress to the component body or terminations. Do not attempt to re-form or bend the components as this will cause damage to the component.
(2) Do not expose the component to open flame.
(3) This specification applies to the functionality of the component as a single unit. Please insure the component is thoroughly evaluated in the application circuit.

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