

GPS Active Antenna Module - Adhesive Mount

APAMS-104

RoHS/RoHS II compliant

Lead in copper alloy exemption (6c); and Lead in glass exemption (7c-l)



111 x Ø6.78 mm

MSL level: Not Applicable

FEATURES:

- High Reliability/ Sensitivity
- Compact Size
- Easy to install (adhesive tape base)
- SGS
- ROHS Compliant

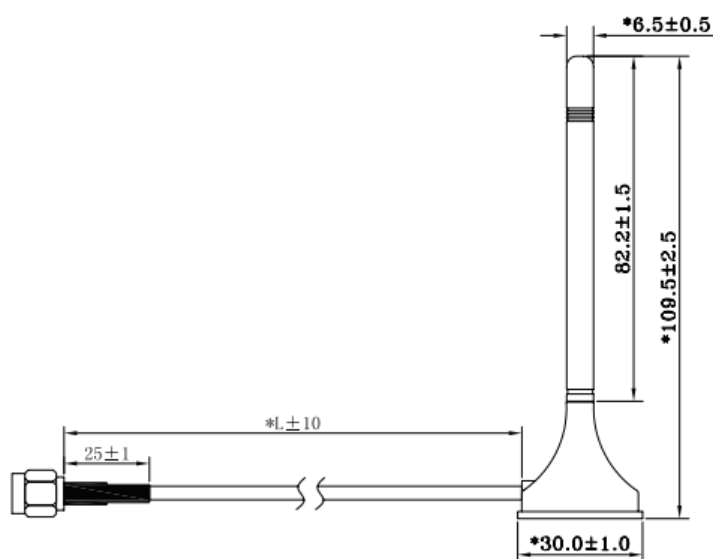
TYPICAL APPLICATIONS:

- 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	Vertical				
Impedance		50		Ω	
Gain		2.5		dBi	@900MHz
		3.0		dBi	@1800MHz
Azimuth	Omni-Directional				
Operating Temperature	-40		+80	°C	
Storage Temperature	-45		+85	°C	

OUTLINE DRAWING:



Parameters	Description
L (Cable Length)	250±10cm
Antenna Length	30x109.5mm
RF Cable	RG174
Base Diameter	30mm
Connector	SMA-J3
Color	Black
Mounting	Adhesive Tape

Unit: mm

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PRODUCT IMAGE:



PACKAGING:

Each 400x32.5x180mm size carton includes 300 pieces of antenna.



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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30332 Esperanza, Rancho Santa Margarita, California 92688
tel 949-546-8000 | fax 949-546-8001 | www.abracon.com

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com