



SPECIFICATION

Part No. : **T1.08.0111**

Product Name : 0dBi 868MHz ISM Band Straight Dipole Terminal Antenna

Feature : High efficiency dipole terminal antenna
RoHS Compliant



Version	Date	Page	Revision Description	Prepared	Approved
A	Apr 14 rd 2009	All	New Product	TW Product Centre	Zita Lin

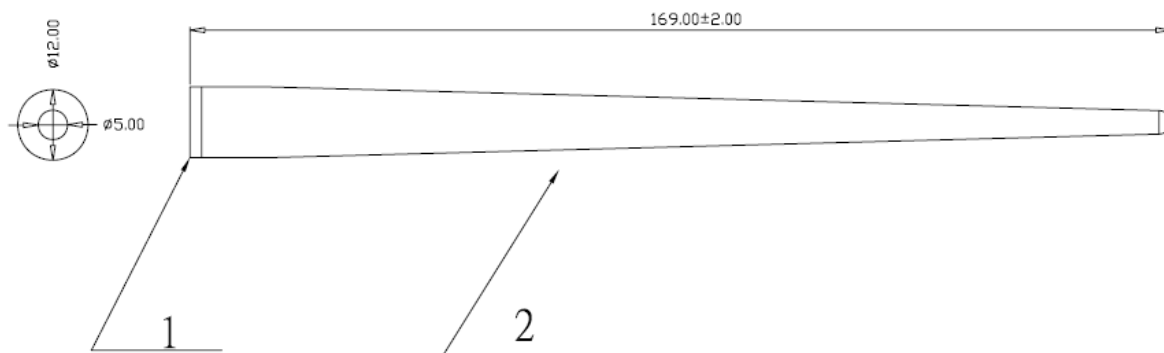


Specification

I. Specification

Parameter	Specification
Frequency (MHz)	869MHz
Peak Gain	0.6 dBi
VSWR	max 1.8: 1
Impedance	50 Ohm
Radiation Pattern	Omni-directional
Polarization	Vertical
Power Handling	Max. 10Watt
Antenna Length	169 ± 2mm
Connector	SMA (male)
Outer material	TPU
Operation Temperature	-40°C ~ +85°C
Storage Temperature	-40°C ~ +105°C

II. Mechanical Drawing



unit : mm



Specification

III. Electrical Property

III.1. Return Loss



-18.4dB return loss at 868MHz.



Specification

III.2. VSWR



1.3 : 1 VSWR @ 868MHz



III.3. Radiation Pattern

