

# Specifications of Ceramic Patch Ant.

MESSRS. (주)인트정보시스템

ITEM : Ceramic Patch Antenna  
PART NAME : MPAC50SF916.5S-TA(USA)  
MODEL NAME : RFID USA  
FEATURES : Antenna dimension is as small as Teflon antenna  
Using high quality factor dielectric  
Provide highly stabilized performance  
DATE : November 19, 2007  
QUANTITY : 10 pcs

SUPPLIER : MAC technologies		
DRAWN	CHECKED	APPROVED
		



MAC technologies

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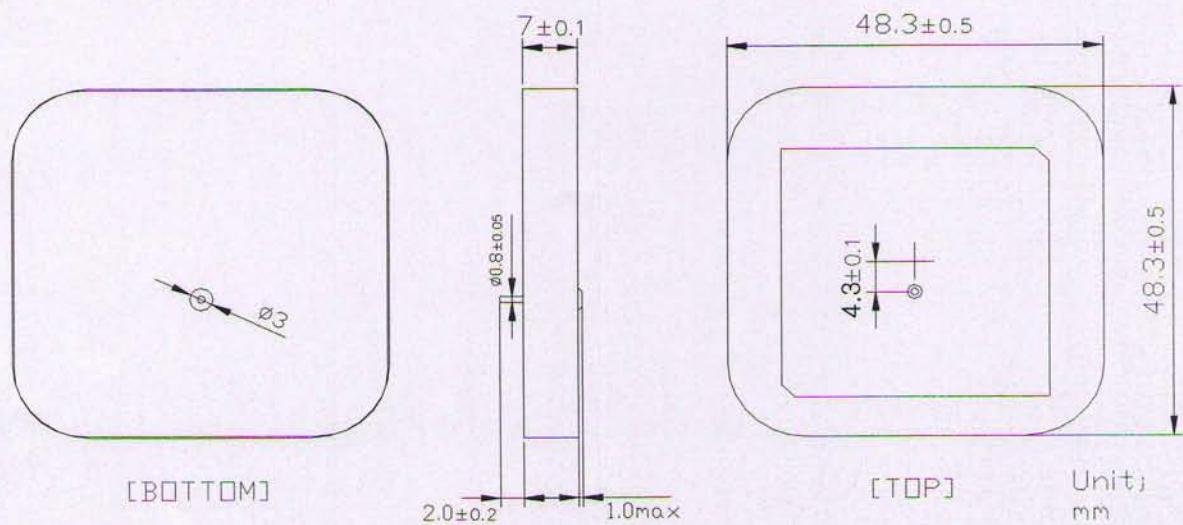
Title	RFID Ceramic Patch Ant. Sample Specification
Document Number	MACQM730-05-07066
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## 1. Electrical Specifications.

NO.	Parameters	Spec.	Unit	Remark
1	Frequency	$916.5 \pm 3$	MHz	@PCB GND.
2	Band Width	6 min.	MHz	@ -10 dB R.L.
3	VSWR	2.0 : 1 max.	Ratio	@913 MHz
4	Impedance	50	Ohms	
5	Peak Gain	-3.0 min.	dB <sub>L</sub>	
6	Polarization	RHCP		
7	Beam Width	90 typ.	Deg.	

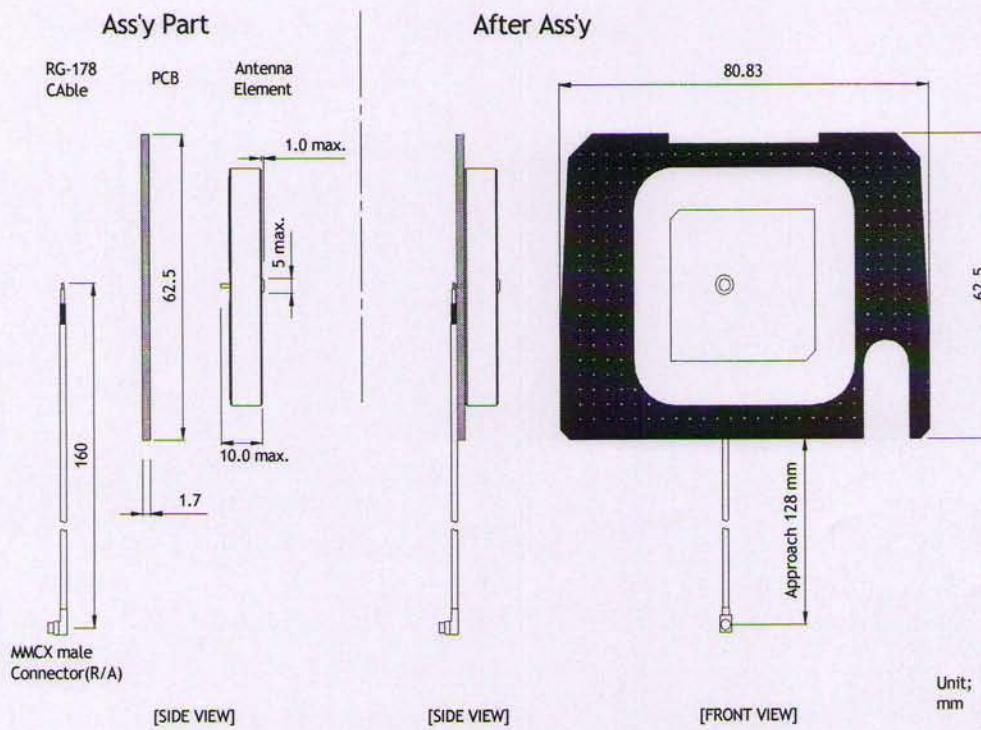
## 2. Mechanical Dimensions.

### 2-1. ANTENNA ELEMENT

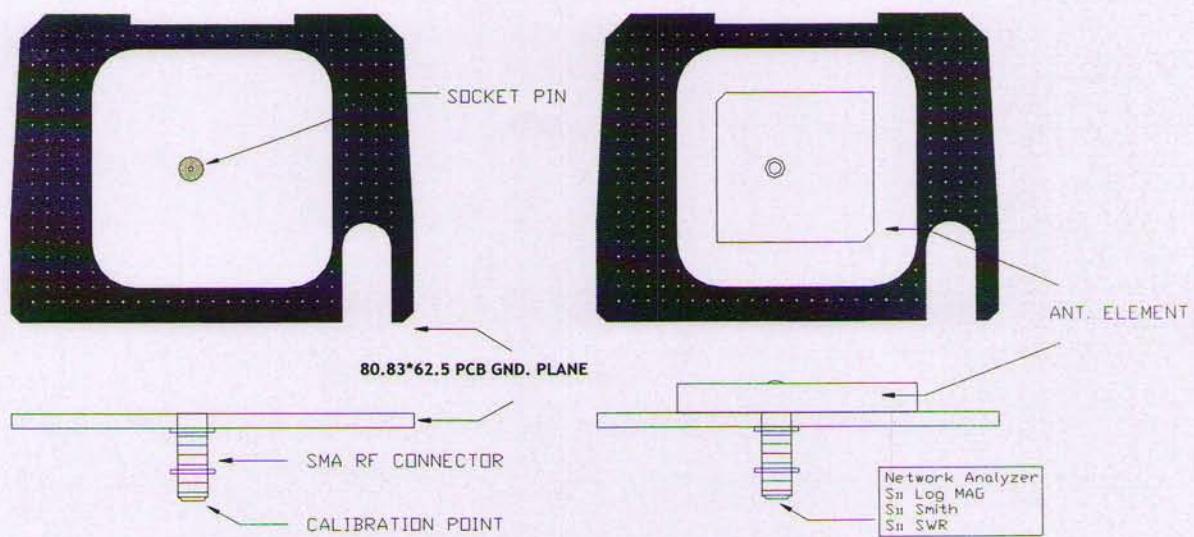


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## 2-2. PCB & Cable Ass'y



## 3. TEST FIXTURE.



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#### 4. CHARACTERISTIC GRAPH.

### a. 80.83\*62.5 PCB Ground plane

