

RUBBER ANTENNA SPECIFICATION

Customer : GRE (HONG KONG) LTD.
Specification No.: SA0900307
Model No.: G-RA0K14096002-G0096
Mfr's Part No. : GR-09D-0801

1, Application

The antenna specified in this specification is applicable for the radio-communication

2, Dimensions

As per Drawing No. G-RA0K14096002-G0096 attached.

3, Materials

As specified in drawing No. G-RA0K14096002-G0096

4, Electrical Characteristics

- i) Resonate Frequency : $161.5 \pm 2.0 / 450 \pm 3.0$ MHz
- ii) Impedance : 50 ohm Nominal
- iii) Radiation Pattern : Omni Directional
- iv) Polarization : Vertical
- v) Standing Wave Ratio (S.W.R): 2.0 or less at Resonate point
- vi) Insulation resistance : 500 M ohm at DC 500V

5, Mechanical characteristics:

The strength of fixing between sleeve and stud shall withstand the following stresses

Vertical Direction: 2.0 kgs

Rotating Direction: 2.0 kgcm

6, Others:

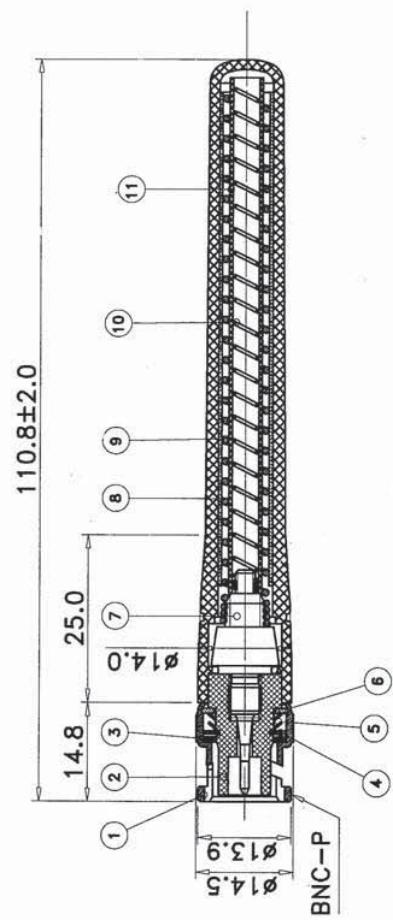
Any modification of this specification has to be agreed by us

Prepared By: 曹新学 Checked By: 陈磊 Approval:

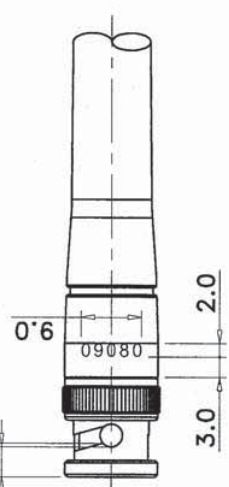
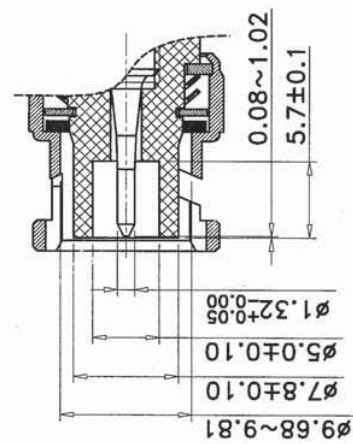
张鹤春

博鉅實業有限公司
16 JAN 2010
設計部出圖

REV.	ISSUE FOR	OLD DRAWING NO.	
①	根據客戶要求,把膠管顏色由Cool Gray 8C改為黑色.	G-RAOK14096001-G0096(B)	
			±0.50
			±0.40
			±0.30
			±0.20
			允差, 0.0-tat
			0.1



BNC-Plug Connector
Interface Mating Dimensions



- Notes:
1. RF_Connector : BNC-Plug
 2. Sleeve Material : TPU+UV, Color is Black
 3. Rubber tube lead content: smaller than 300 ppm
 4. Working Frequenc : 161.5±2.0 / 450±3.0 MHz
 5. Customer's model NO.: GR-09D-0801

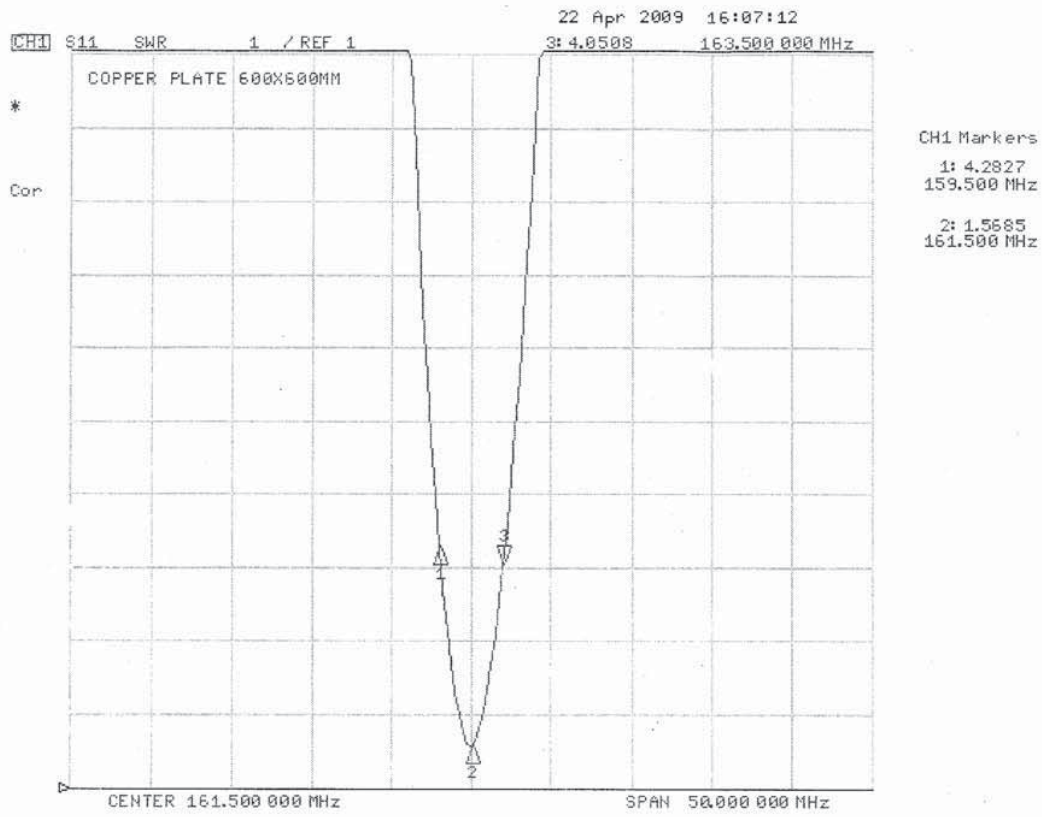
NO.	TITLE	MATERIAL	Q'TY	REMARK	DRAWING NO.
11	check proof 1	PVC	1	Black	φ5.0X77.0
10	Spring	65Mn	1	Pre-oxidized	G-RAOT1614-30152400
9	Spring	65Mn	1	Pre-oxidized	G-RAO01614-30182400
8	check proof 1	sponge	1		25.0X73.0X2.0
7	Pin	Brass	1	Nickel plated	G-RAOK1614-30155100
6	emulation lead	Brass	1	Nickel plated	BNC - JD16003A3
5	emulation lead 2	Beryllium copper	2	Nickel plated	BNC - JD16004A3
4	emulation lead 1	phosphorus copper	1	Nickel plated	(RP)TNC-KD1003A0
3	Rubber lead	Rubber	1	Red	(RP)TNC-KD1005A0
2	Dielectric	pom	1	white	BNC - JD16001A0
1	Gust	Brass	1	Nickel plated	BNC - JD16A2001A3

TITLE	Part Name	SCALE	DRAWN	INSPECTED	APPROVED	PROJECTION (縮尺)	SHEET	REV
Rubber Antenna	G-RAOK14096002-G0096	1 : 1	曹新學	10.1.16	10.1.16			A
BONDALÉ ELECTRONICS LTD.								

Capability Test Report

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