



The Wattstopper,
6120 Paseo del Norte
Carlsbad CA, 92009
Tel (760) 804-9701
Fax (760)804-9712

June 12, 2003

EUT info

Repeater

Product used to do the test: MRR2G (Repeater)

Type of Antenna: This antenna is screw inside the enclosure. This antenna cannot be removed or replace by any other kind of antenna



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LB 利寶隆工業有限公司

LIBERAL INDUSTRIAL LIMITED

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確認書
APPROVAL SHEET

客 戶

CUSTOMER: THE WATT STOPPER

品 名

PART NAME: HELICAL ANTENNA

規 格

SPECIFICATION: B13915L088808

日 期

DATE: 6/3/2002

APPROVED BY:	CHECKED BY:	DRAWN BY:

SPECIFICATIONS OF ANTENNA

1. APPLICATION

The antenna specified in this specification is applicable for the transceiver.

2. PART NO :B13915L088808

3. DIMENSIONS

All dimensions and appearances shall drawing attached.(DRG No. B900-088-13)

4. ELECTRICAL CHARACTERISTICS

The following characteristics have been measured under the suitable ground plane.

Resonate frequency	:	915 \pm 25MHz
Impedance	:	50 Ω Nominal(Depend on available ground plane)
Radiation pattern	:	Omni directional
Polarization	:	Vertical
S.W.R.	:	2.0 or less

5. MECHANICAL CHARACTERISTICS

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

Vertical Direction	:	3kgs
Rotating Direction	:	3kgs

6. MATERIALS

Sleeve	:	PU.ABS
Stud	:	Brass
Element	:	Copper wire

7. GENERAL CHARACTERISTICS

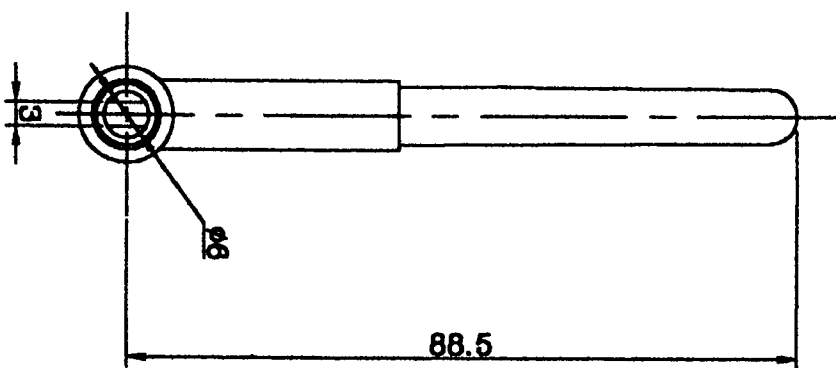
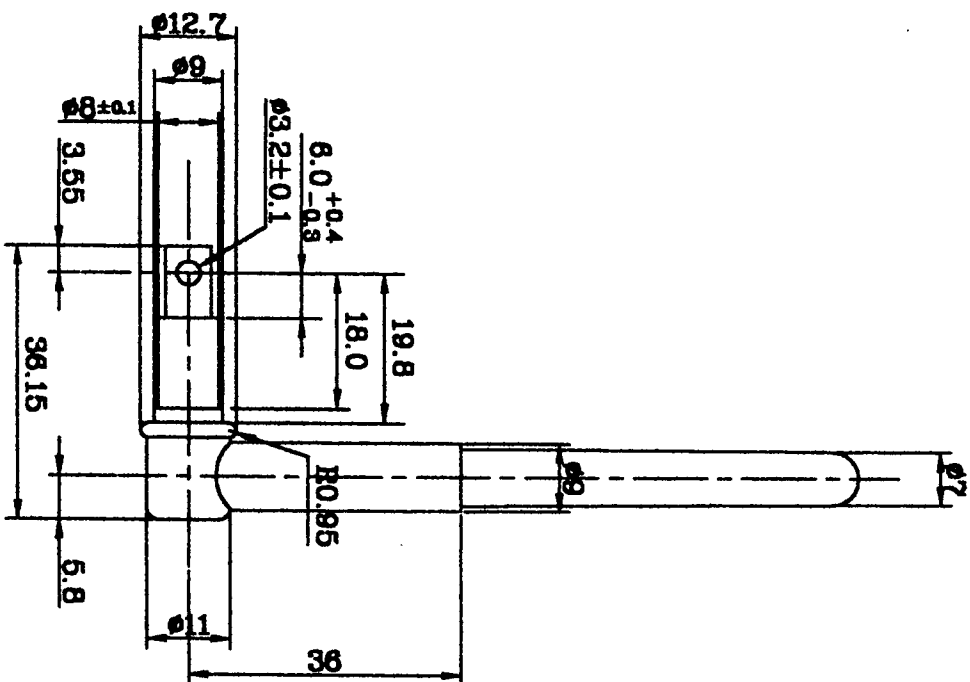
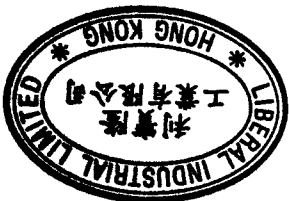
Storage Temperature	:	-30 $^{\circ}$ C to 70 $^{\circ}$ C
Operating Temperature	:	-20 $^{\circ}$ C to 60 $^{\circ}$ C
Diclectrical Strength	:	AC1500V for one minujte
Insulation Resistance	:	100M Ω at DC500V
Humidity Resistance	:	Satsify the electrical and mechanical characteristics after 6 hours in 95%RH at 40 $^{\circ}$ C and one hour drying.
Vibration Resistance	:	Satisfy the electrical and mechanical characteristics After two hours in each of 3 dimension with 10~55Hz, Amplitude 1.5mm and interval one minute.
Shok Resistance	:	Satisfy the electrical and mechanical Characteristics after drop down with 100g upon Rubber block.



Date: 2002/3/2

Checked by

Approved by



序号	名称	件数	(图号)
(图名)	天线	比例	B900-088-13
制图	陈伟峰	日期	2/3/02
检查		日期	
审核		日期	2-3-02
兆通通讯器材有限公司			
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