



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	: $915 \pm 25\text{MHz}$
Impedance	: 50Ω 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	: as per drawing
Sleeve	: PU.ABS
Stud	: Brass
Element	: Copper wire

7.GENERAL CHARACTERISTICS

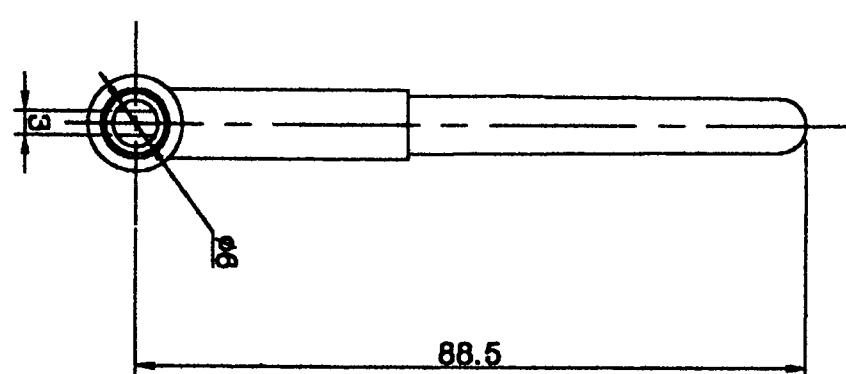
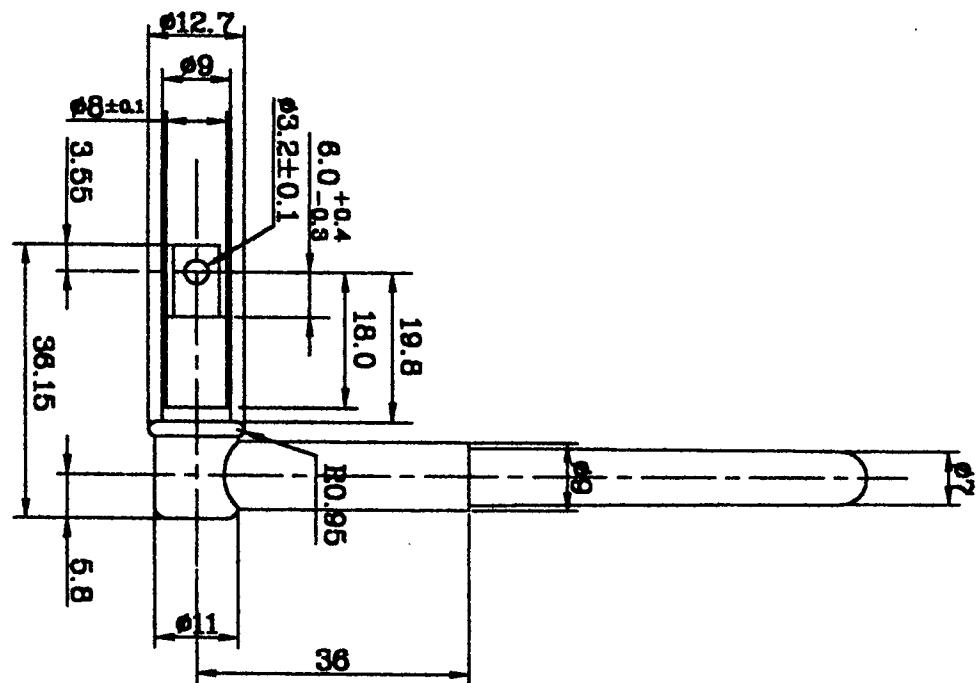
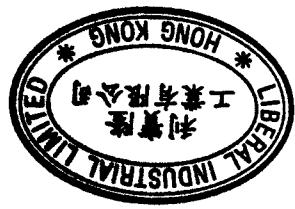
Storage Temperature	: -30°C to 70°C
Operating Temperature	: -20°C to 60°C
Dielectric Strength	: AC1500V for one minute
Insulation Resistance	: 100M Ω at DC500V
Humidity Resistance	: Satisfy the electrical and mechanical characteristics after 6 hours in 95%RH at 40°C and one hour drying.
Vibration Resistance	: Satisfy the electrical and mechanical characteristics After two hours in each of 3 dimension with 10~55Hz, Amplitude 1.5mm and interval one minute.
Shock 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		
制图	陳伟华		
检查	日期	2/3/02	比例 1:1
审核	日期	2/3/02	材料 B900-088-13
		重量	共 1 页 第 1 页

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