

SPECIFICATION

Shenzhen Guandetong Electronic Limited



深圳市冠得通电子有限公司

Shenzhen Guandetong Electronic Co., Ltd.

Ultrasonic decorative antenna

Product Specification

connection		frequency range	//
Frequency band wire name		edition	A1
Customer part number		Guandetong part number	
Guandetong No			
R F design	肖彬	RF Manager	刘亮
Structural design	王栋	Structure Manager	王华
Technical Director	叶定坤	Date	2023-11-09

Customer confirmation:

Does the assembly meet your company's requirements: ☐OK ☐NG

保 密 要 求

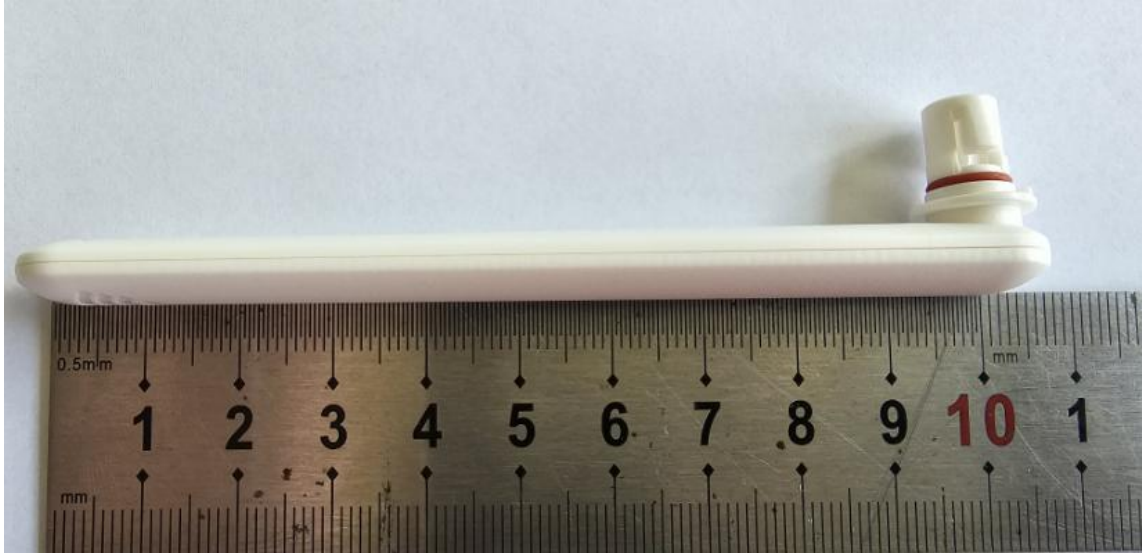
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一、 Product pictures



二、 Product parameters

Product testing parameters			
Product name		(Model Type)	B1-P4S4DWBE
(Electrical Specifications)			
(Frequency Range)	2400-2500MHz,5000-6000MHz	(Polarization)	//
(Impedance)	//	Radiation	//
(VSWR)	//	(Power)	//
(Gain)	2.00dBi	(Bandwidth)	//
(Mechanical Specifications)			
(Dimensions)	104.99*11.95-+0.3mm	(Chassis Color)	//
(Connector)	//	(Cable Length)	//
(Chassis Material)	ABS		
(Working Temperature)	-40℃-+85℃	(Limit Temperature)	-40℃-+85℃

Address:3rd Floor, Building D, Maoyuan Industrial Park, Huanguan South, Guanhu Street, Longhua District, Shenzhen

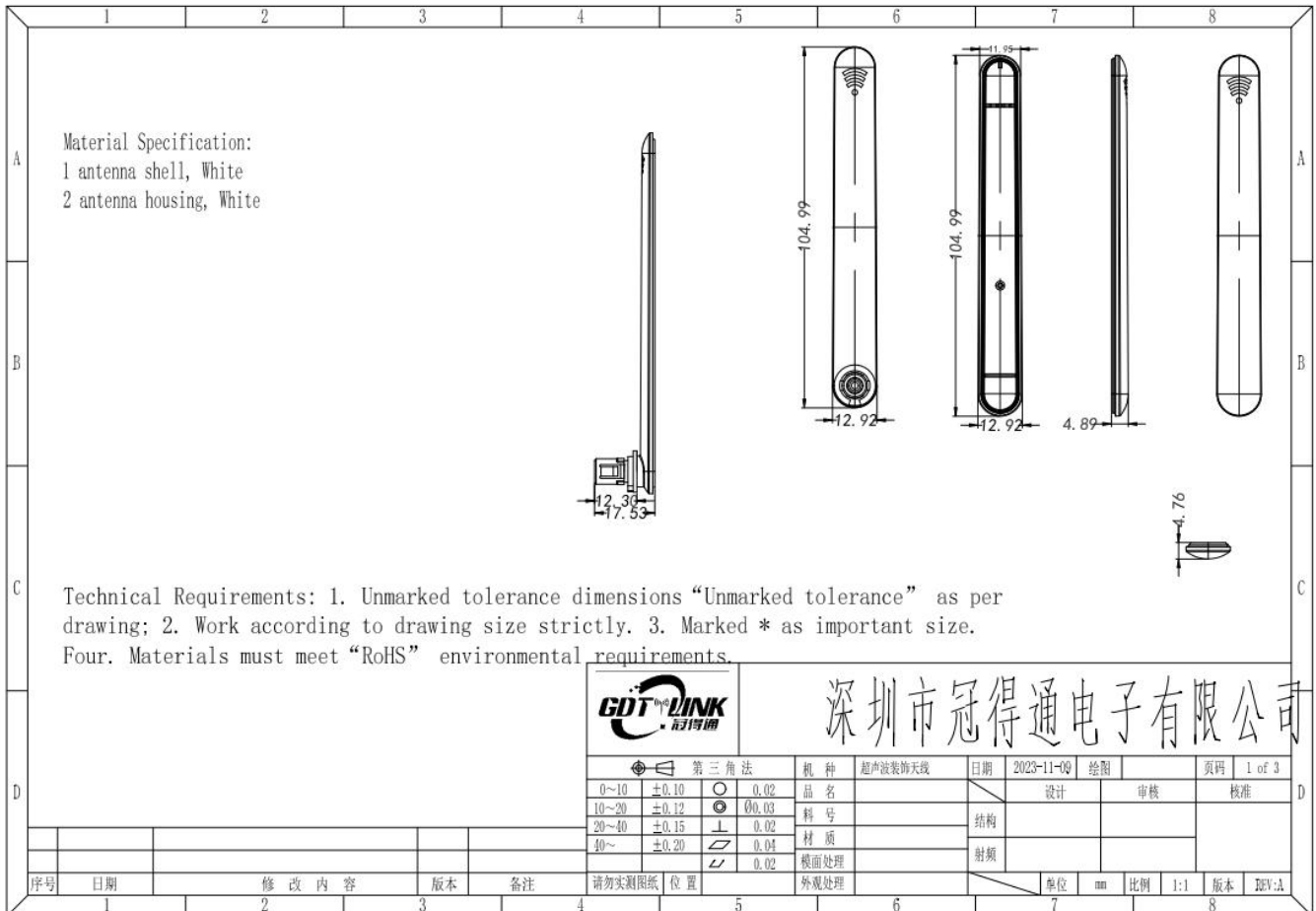
电话: 0755-88298396 传真: 0755-89733896

<http://www.szgdtrf.com>

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三、Structural drawings



四、Environmental performance test

project	Project test conditions	Specifications
Storage environment	The test temperature, humidity and air pressure are as follows when there is no specific condition: 1. The temperature is - 30 °C~+80 °C 2. Relative humidity: 45% - 85% 3. The air pressure is 86kpa-106kpa	Normal electrical and mechanical performance

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High and low temperature test	5 cycles between 70 ° C and 40 ° C, then under normal conditions1-2H, check the appearance quality.	The size shall meet the requirements and Mechanical and electrical performance
Constant damp heat resistance test	Relative humidity: 95 ± 3%, test temperature: 40 °C. After lasting for 2h, The electrical performance shall be measured within 5 minutes after the test object is taken out, and the test object shall be within the normal range Part 1-2H, check the appearance quality	The size shall meet the requirements and Mechanical and electrical performance
vibration test	Vibration frequency range: 10-55HZ, displacement amplitude: 0.35MM, acceleration amplitude: 50.0M/s, frequency sweep cycles: 30 times	Normal electrical and mechanical performance
Drop test	Free fall for 3 times in the direction of mutually perpendicular axes at a height of 1M	Normal electrical and mechanical performance

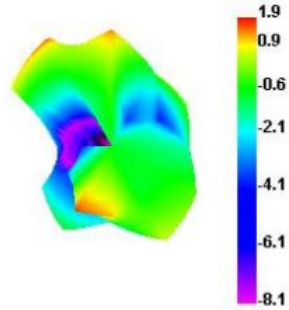
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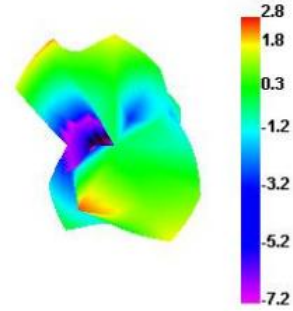
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五:3D pattern

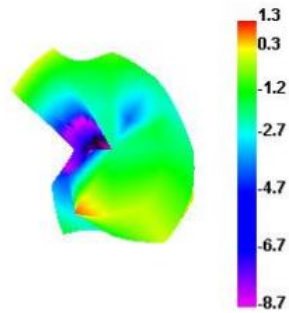
2400.000MHz



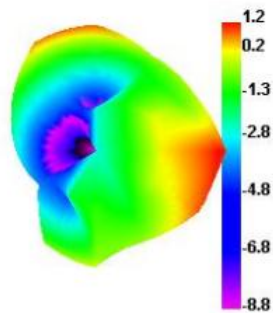
2450.000MHz



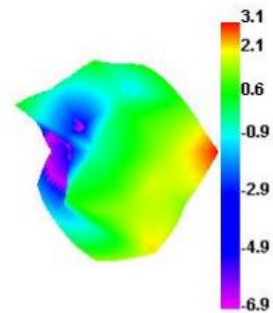
2500.000MHz



5000.000MHz



5500.000MHz



6000.000MHz

