

Antenna Specification

Part Name: "Kali" microwave multilayer ceramic antenna

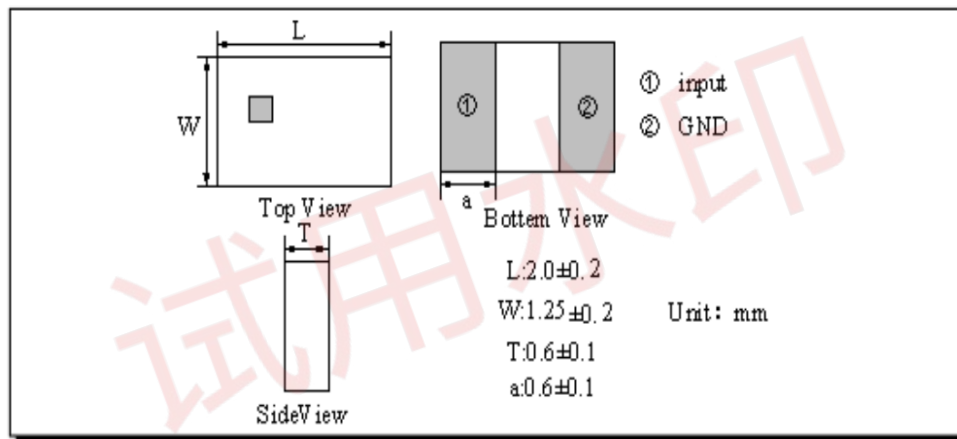
Model: GL2012H2450-D06

Manufacturer: GLEAD ELECTRONICS

Test Labs: GLEAD ELECTRONICS

Drawing

外型尺寸及焊盘尺寸 Dimensions (Unit : mm)



电气性能 Electrical Characteristics

No.	Item (项目)	Specifications (特性)
5.1	Working Central Frequency 中心工作频率 (After matching)	2450 MHz
5.2	Band Width 通带宽度	65MHz typ.
5.3	Peak Gain 峰值增益	2.7 dBi
5.4	V.S.W.R (in BW) 驻波比	≤2.0
5.5	Polarization 极化方式	Linear 线性
5.6	Azimuth Beam width 方位角	Omni-directional 全向
5.7	Impedance 阻抗	50 Ω

8 可靠性试验后允许误差 Post Dependability Tolerance

经可靠性试验后允许比起始读数偏差见下表

Post Dependability Tolerance (Refer to the table)

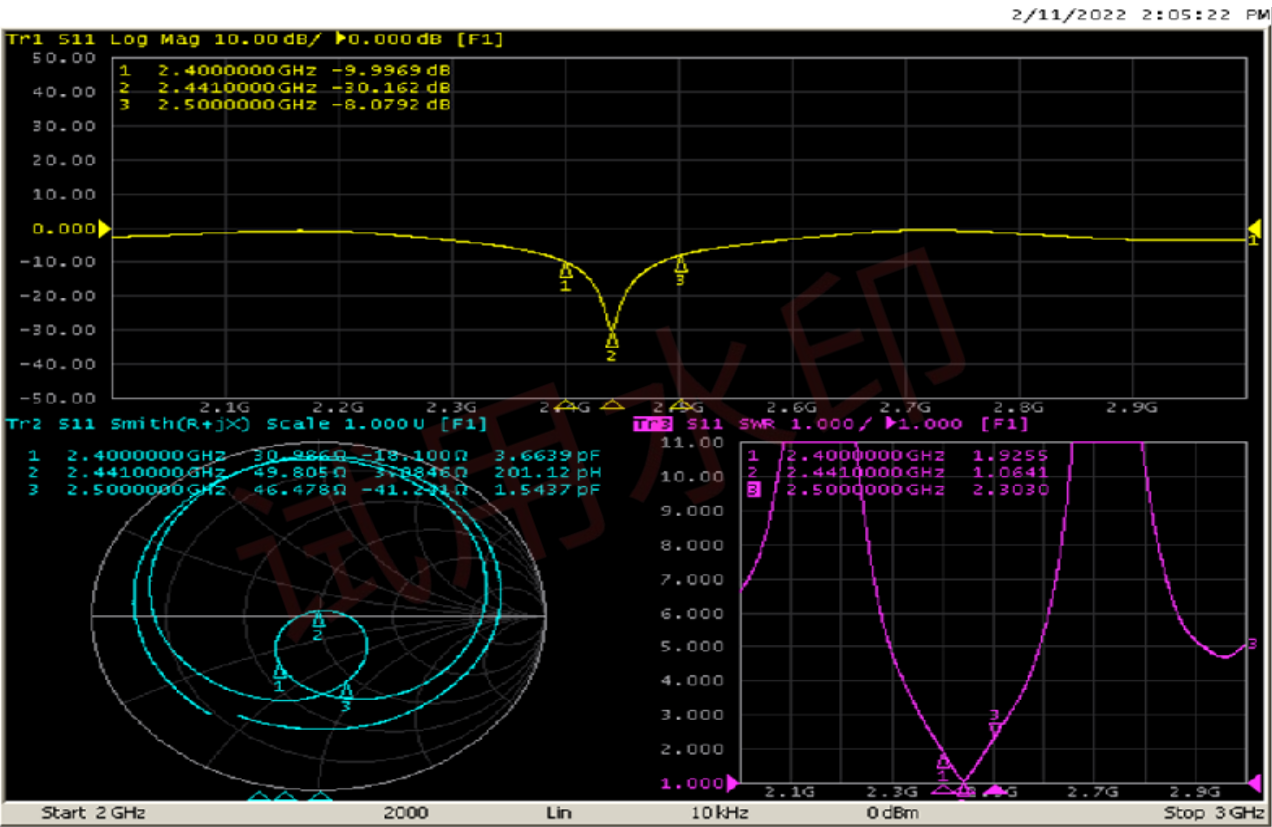
No.	Item (项目)	Post Dependability Tolerance (可靠性试验后允许附加误差)
8.1	Central Frequency 中心频率	±5 MHz
8.2	Band Width 通带宽度	±5 MHz
8.3	Gain 增益	±0.1 dBi
8.4	V.S.W.R (in BW) 驻波比	±0.1

9 可靠性试验 Dependability Test

基准条件: 温度范围	Temperature range	25±5℃
相对湿度范围	Relative Humidity range	55~75%RH
工作温度	Operating Temperature range	-40℃~+85℃
贮藏温度	Storage Temperature range	-40℃~+85℃

S Parameter Test

Agilent E5071C



Gain Test

**Antenna
Radiation
Pattern
VS
Gain**

