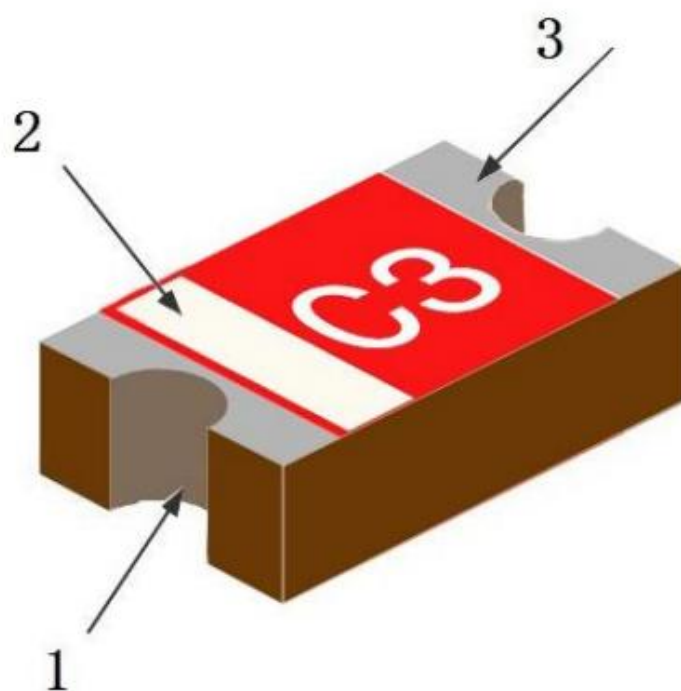


Antenna specification

2.4 GHz ISM Antenna

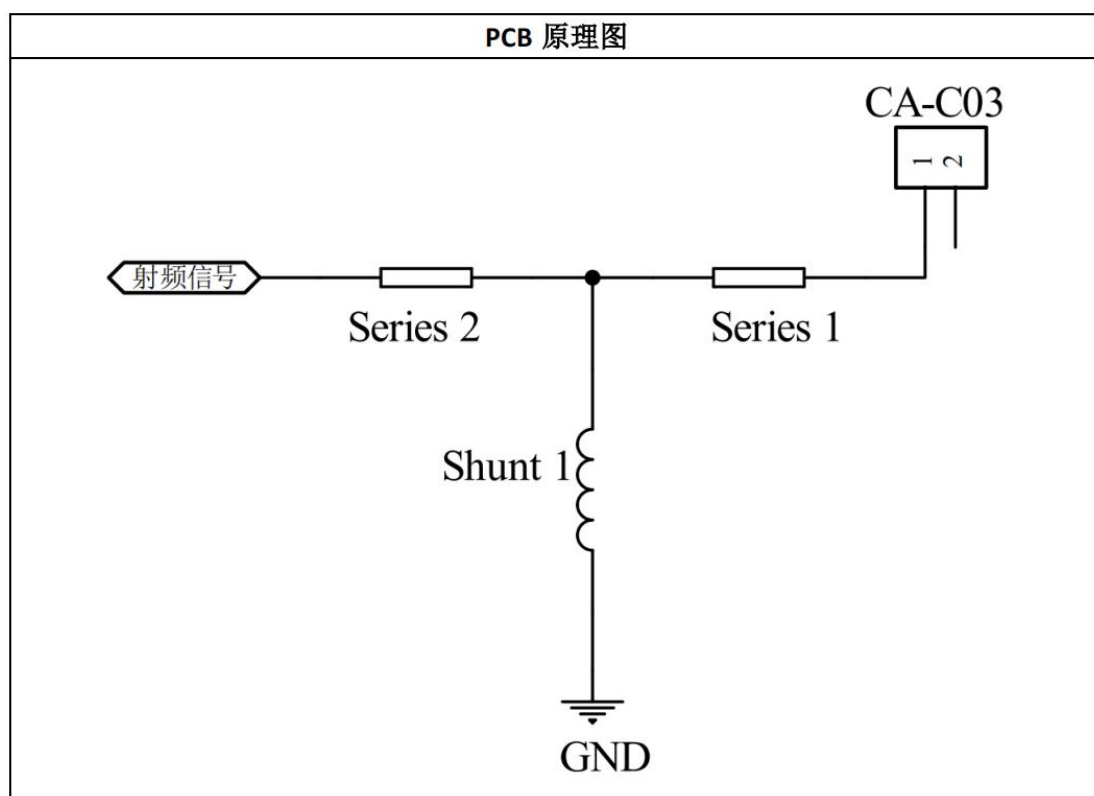
Size:5.5*2.0*1.0MM

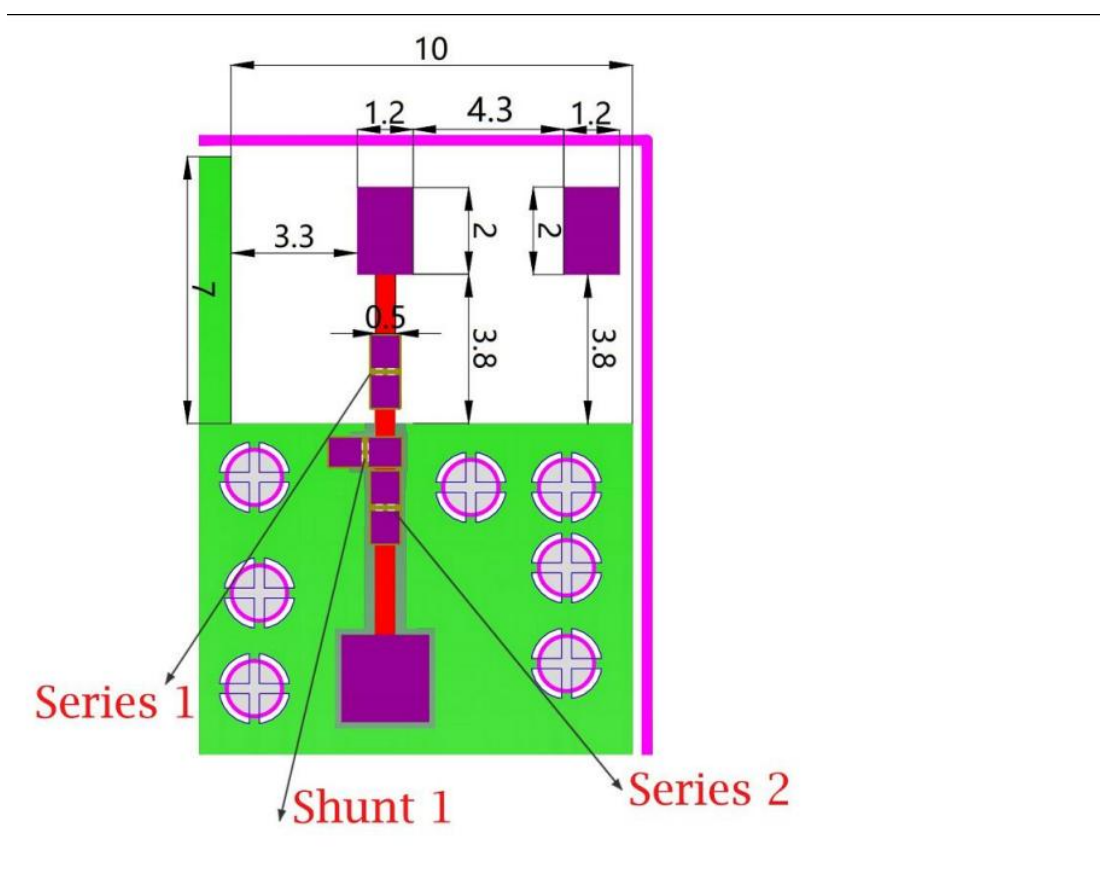
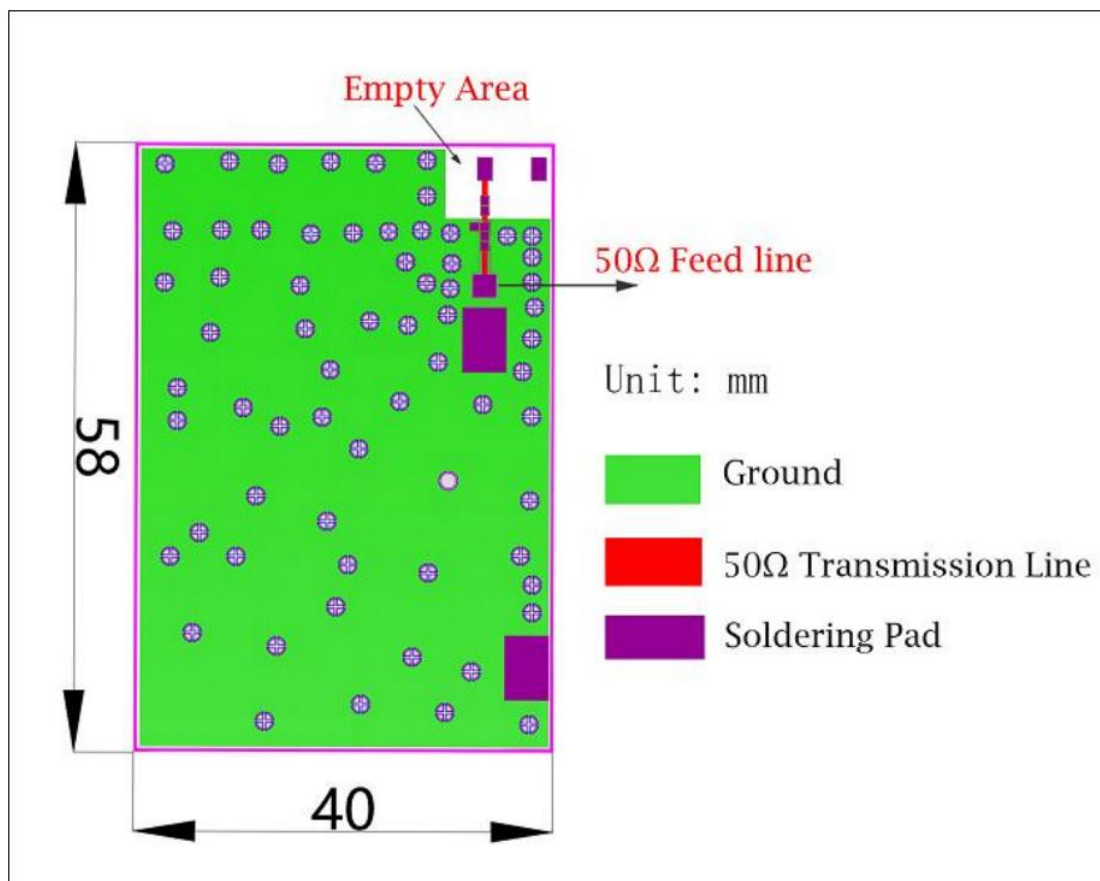
Manufacturer	Shenzhen Blue Baby Intelligent Technology Co., Ltd.
Model	CA-C03

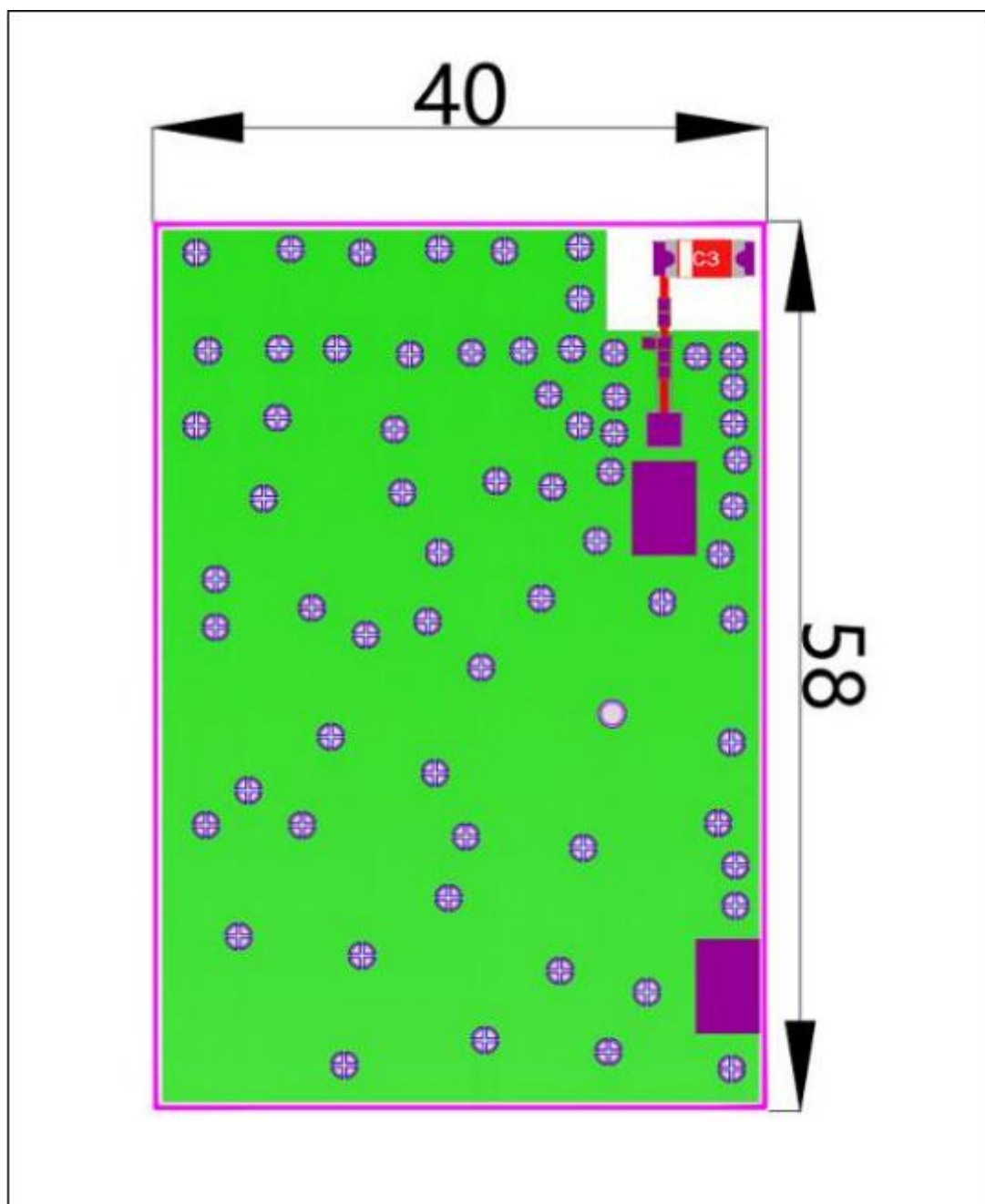


2D cross-sectional view of the component showing dimensions: $W=2.0\text{ (mm)}$, $L=5.5\text{ (mm)}$, $T=1.0\text{ (mm)}$, and $a=0.5\text{ (mm)}$. The component is labeled C3.	L	5.5 ± 0.2
	w	2.0 ± 0.1
	T	1.0 ± 0.1
	a	0.5 ± 0.1

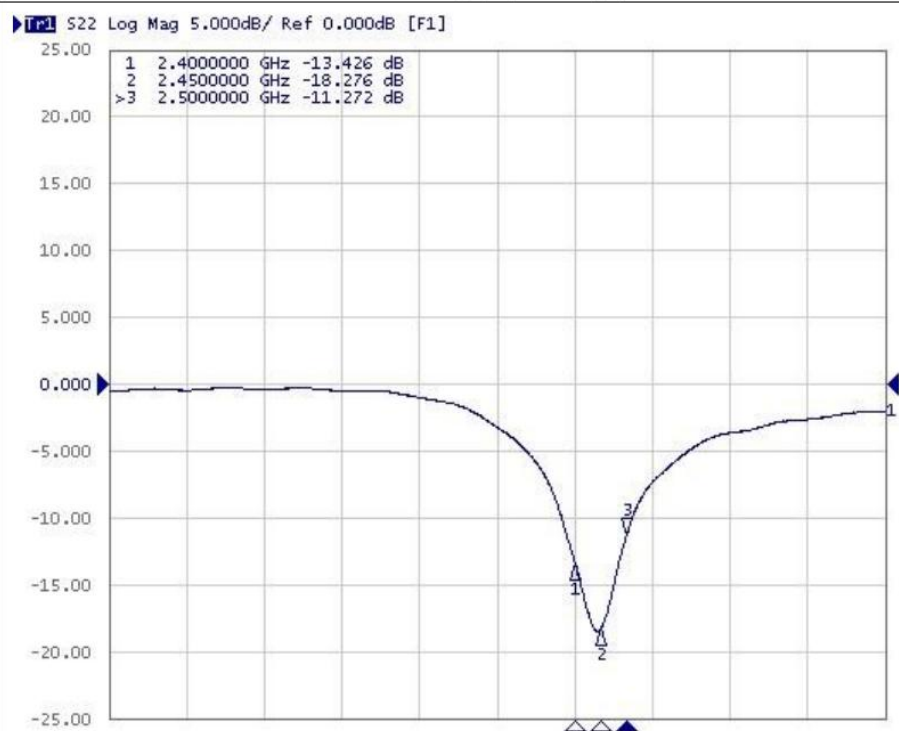
CA-C03	Specification
Working Frequency	2400MHz-2500MHz
Band Width	>100MHz
Impedance	50 Ω
Gain(dBi)	4.3 (peak)
VSWR	<2
Operation Temperature	-40℃~+95℃
Power Capacity	3W



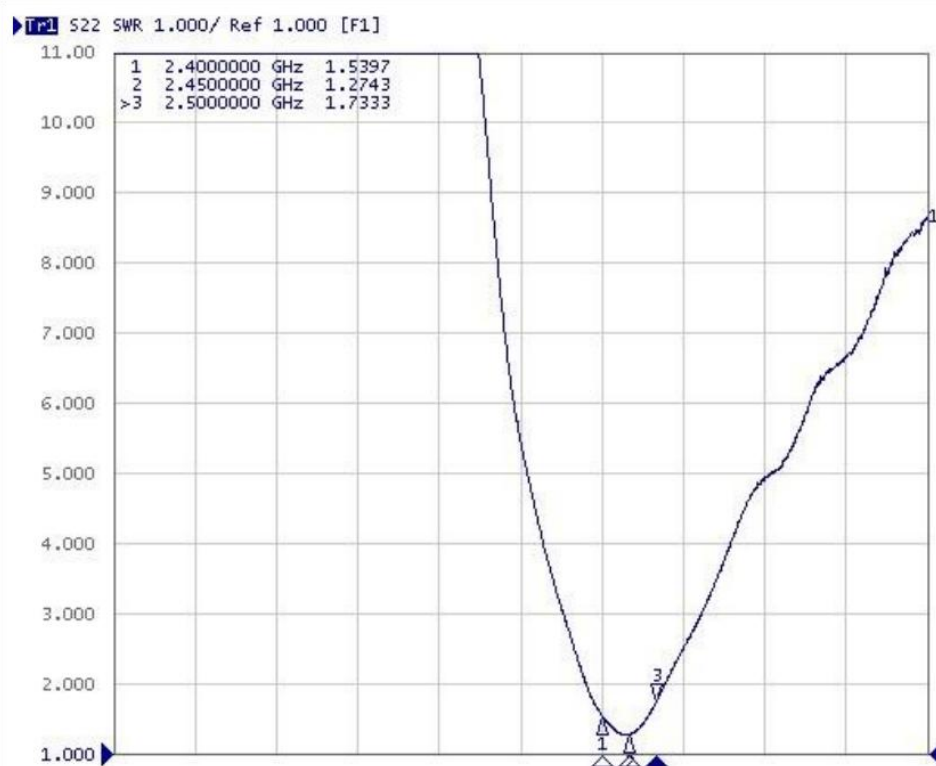


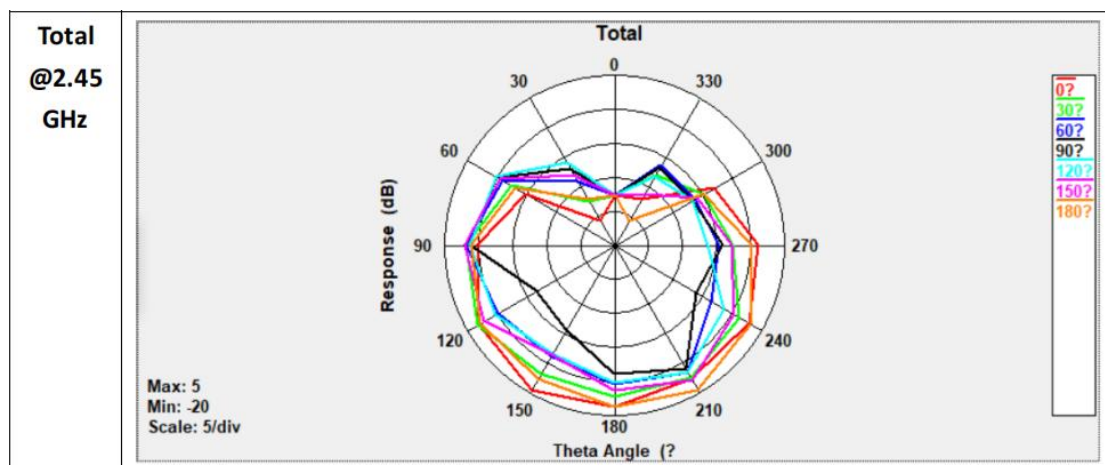
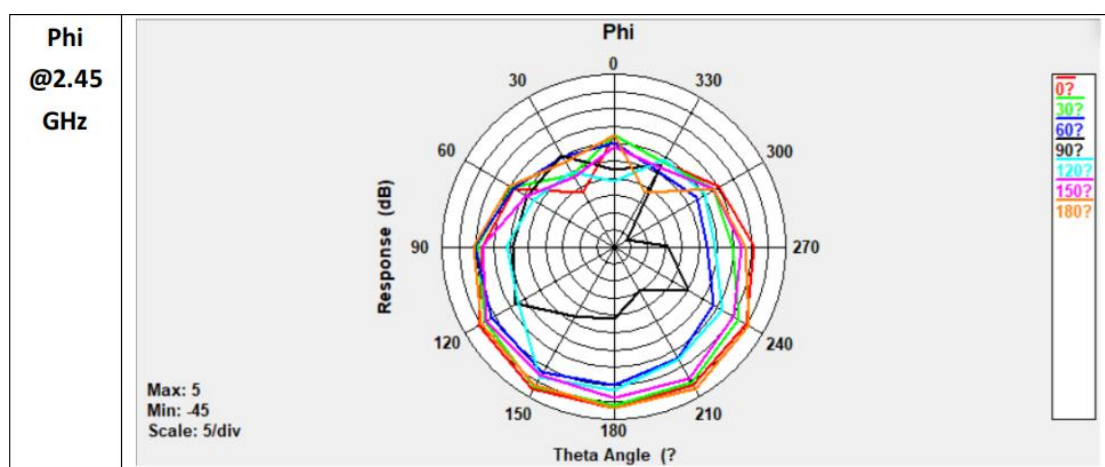
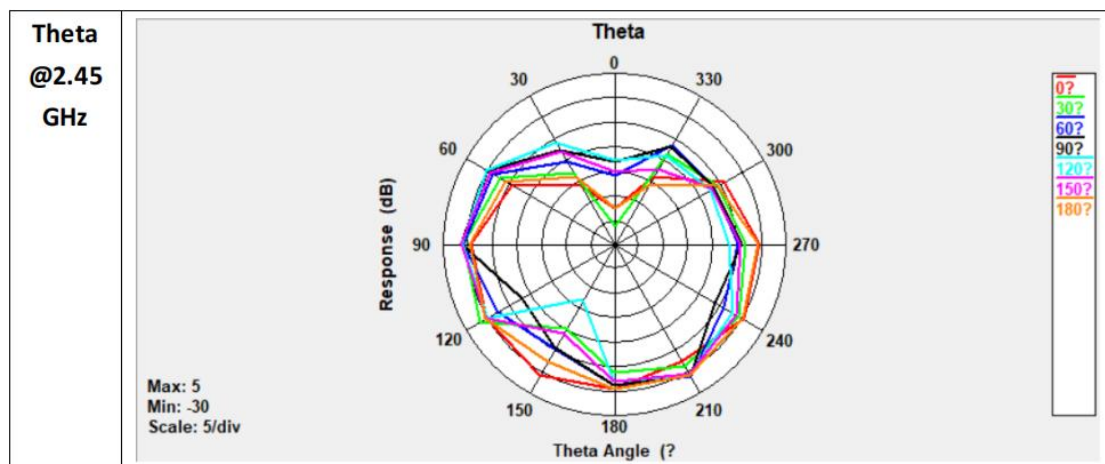


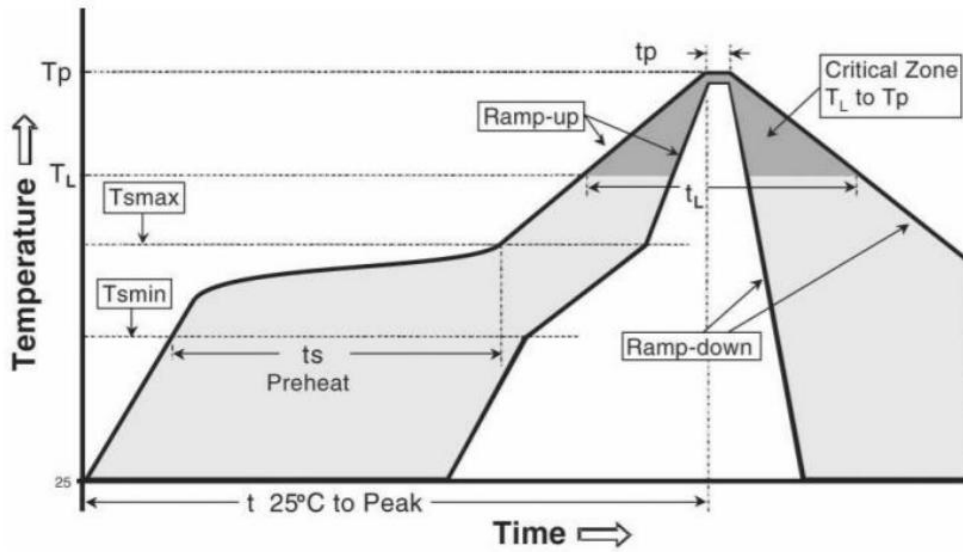
天线 S11 特性



天线 VSWR 特性







Phase	Profile features	Pb-Free assembly (SnAgCu)
RAMP-UP	Avg. Ramp-up Rate (Tsmax to Tp)	3 °C / second (max.)
PREHEAT	- Temperature Min (Tmin) - Temperature Max (Tsmax) - Time (tsmin to tsmax)	150 °C 200 °C 60-180 seconds
REFLOW	- Temperature (T_L) - Total Time above T_L (t_L)	217 °C 60-150 seconds
PEAK	- Temperature (T_p) - Time (tp)	260 °C 20-40 seconds
RAMP-DOWN	Rate	6 °C/second max
Time from 25 °C to Peak Temperature		8 minutes max

