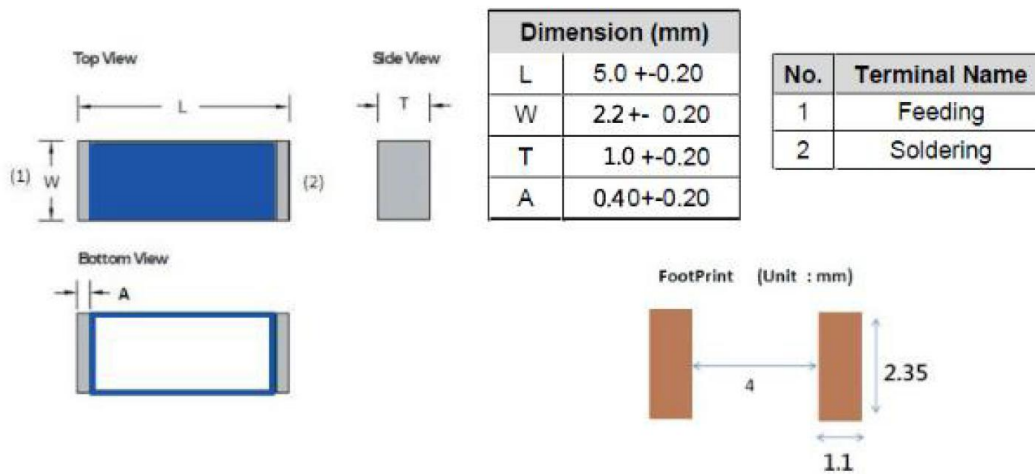


Antenna spec

1. Antenna Description:

Antenna type	Chip antenna
Model	H1
Frequency range	2400MHz~2450MHz
Manufacturer	DONGGUANG XIAOKEINDUSTRLES.CO..LTD
Address	NO.227, DONGCHENG SECTIONGUANDONG ROAD, DONGCHENGSTREET, DONGGUAN CITY.CHINA

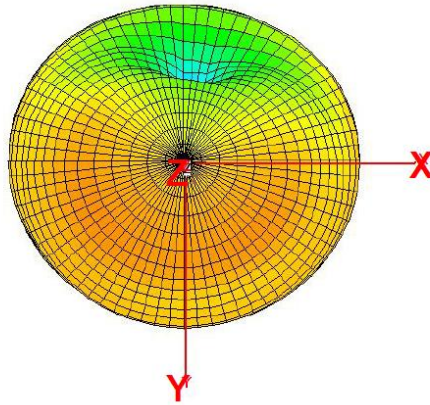
2. Antenna Photo:



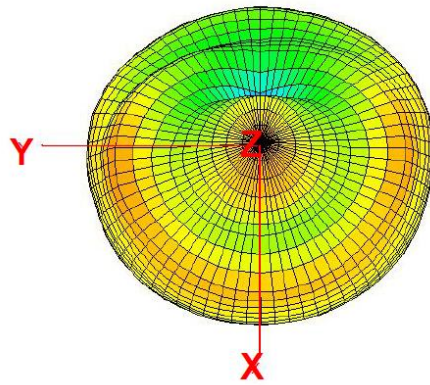
3. Antenna Efficiency and Gain:

Frequency(MHz)	2400	2410	2420	2430	2442	2450	2460	2470	2480	2490	2500
Efficiency (dB)	-1.4	-1.0	-0.9	-0.7	-0.7	-0.8	-0.9	-1.1	-1.2	-1.3	-1.4
Efficiency (%)	70.8	71.7	72.3	74.4	74.5	75.0	74.0	73.6	72.1	71.6	70.5
Gain (dBi)	1.9	2.1	2.3	2.4	2.5	2.5	2.4	2.3	2.2	2.1	1.8

Azimuth = -180.0
Elevation = 0.0
Roll = 0.0



Azimuth = -180.0
Elevation = -5.1
Roll = 180.0



Azimuth = 0.0
Elevation = -90.0
Roll = 180.0

