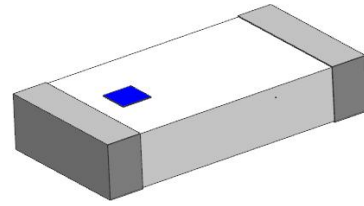


### Features

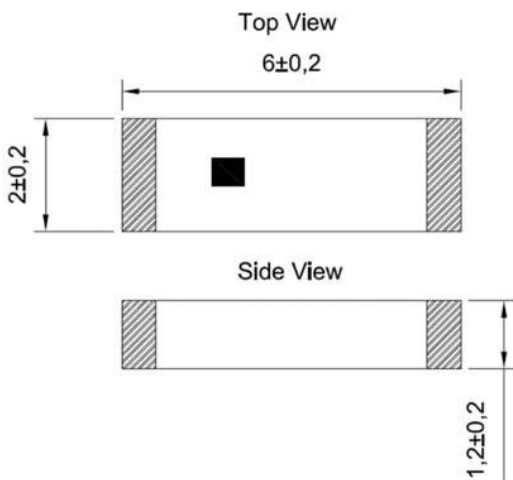
- Compact size
- Omni-directional Radiation
- Tape & reel automatic mounting
- Reflow process compatible
- RoHS compliant



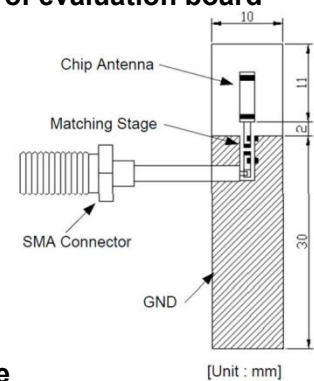
### Specifications

NO.	Parameter	SPC
1	Centre Frequency	2.45G
2	Bandwidth	100MHz ( TYP )
	Return Loss	10dB min
3	Polarization	Linear
4	Azimuth Beamwidth	Omni-directional
5	Peak Gain	3.5 dBi (Typ)
6	Input Impedance	50Ω
7	Operating Temperature	-40°C~105°C
8	Q'ty/Reel (pcs)	2,000
9	Storage Temperature Range	+5 ~ +35 °C, Humidity 45~75%RH
10	Storage Period	12 months max

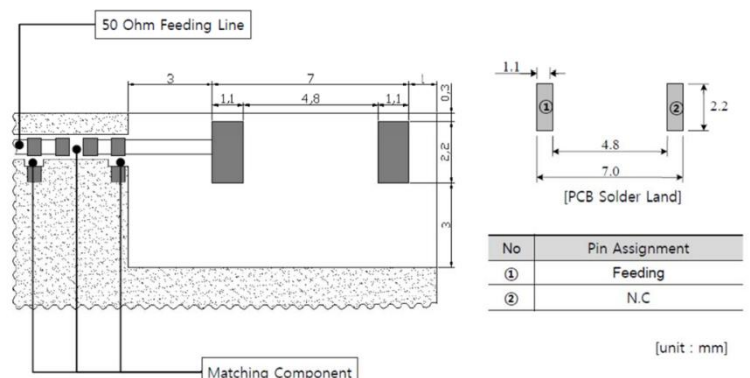
### Construction & Dimensions (Unit: mm)



### Reference design of evaluation board



### PCB Design Guide



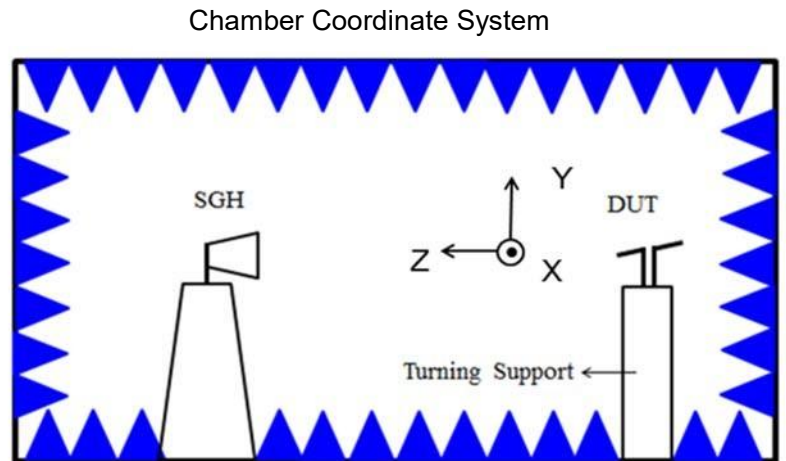
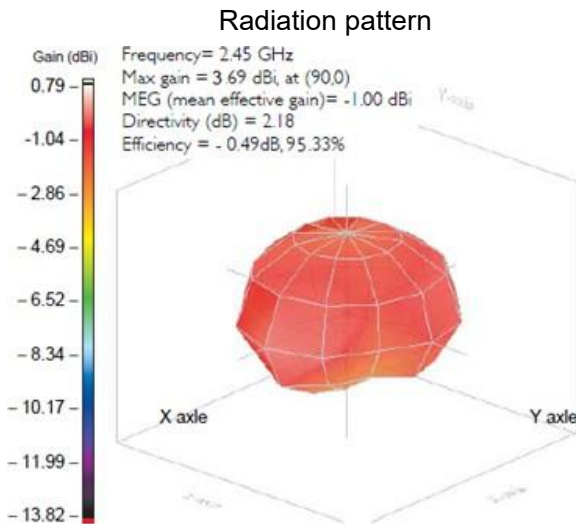
### Yantel Corporation

Add: No.308-322,3F,Building 1,Juchuang Jingu Innovation Park,Wenyuan Road 35,Xili Street,Nanshan,Shenzhen,China

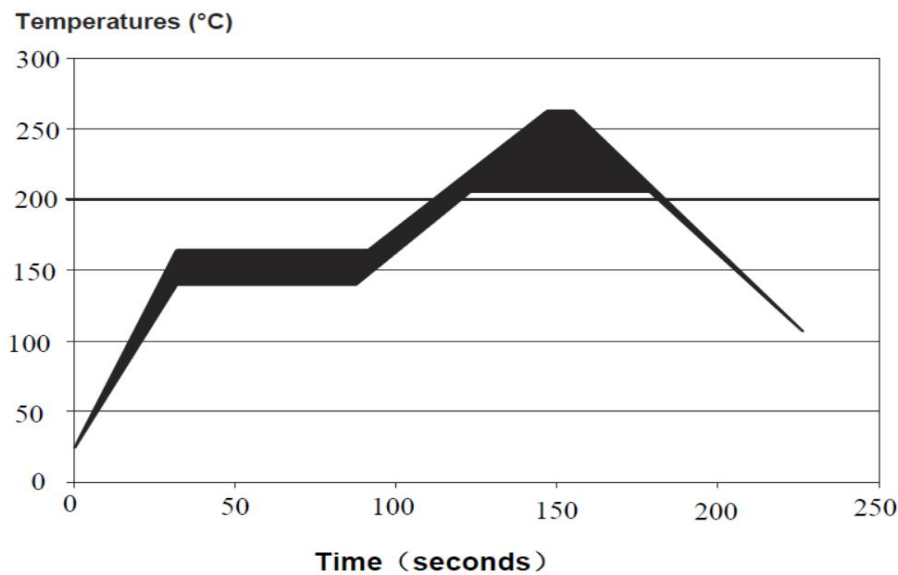
Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

For detailed performance specs & shopping online see Yantel web site : [www.yantel-corp.com](http://www.yantel-corp.com)

### Typical Electrical Characteristics (T=25°C)



### Solder Reflow Standard Conditioning



### Storage Conditions

Temperature : +5 to +30 °C

Humidity : 20 to 70% RH

Term of storage : Within 12 months (After the delivery) \*

Baking : Unnecessary

\* After peeling off cover tape, do not keep exposing the products to the open air. For the products stored longer than 12 months, confirm their terminals and solderability before use.