

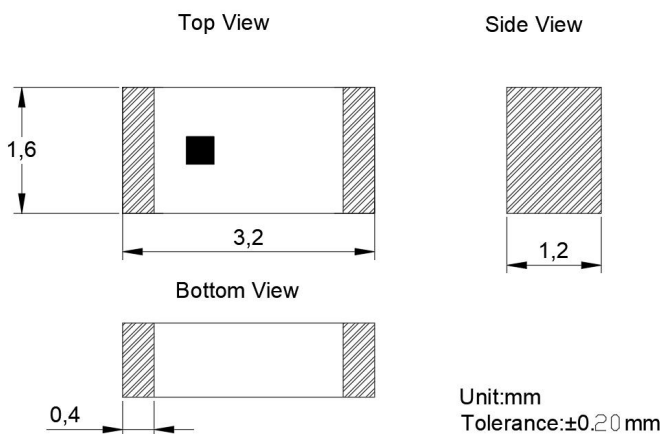
Features

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

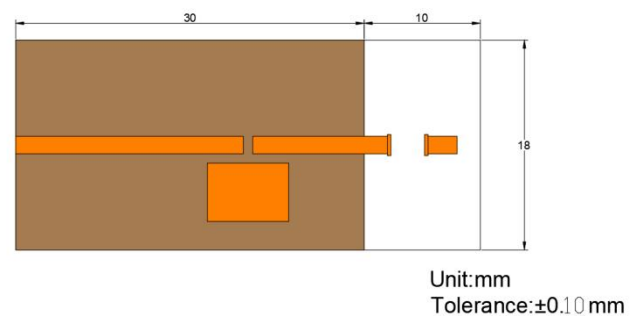
Specifications

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	5.05 dBi (Typ)
6	Input Impedance	50 Ω
7	Operating Temperature	-40°C~105°C
8	Maximum Power	1W
9	Storage Temperature Range	+5 ~ +35 °C, Humidity 45~75%RH
10	Storage Period	12 months max

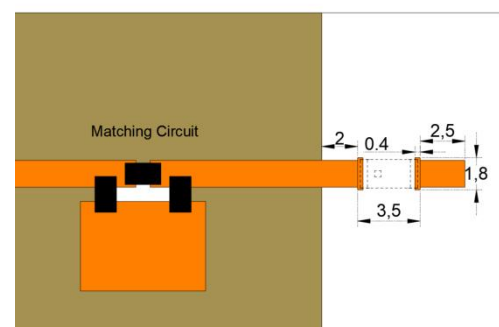
Construction & Dimensions (Unit: mm)



Reference design of evaluation board



PCB Design Guide



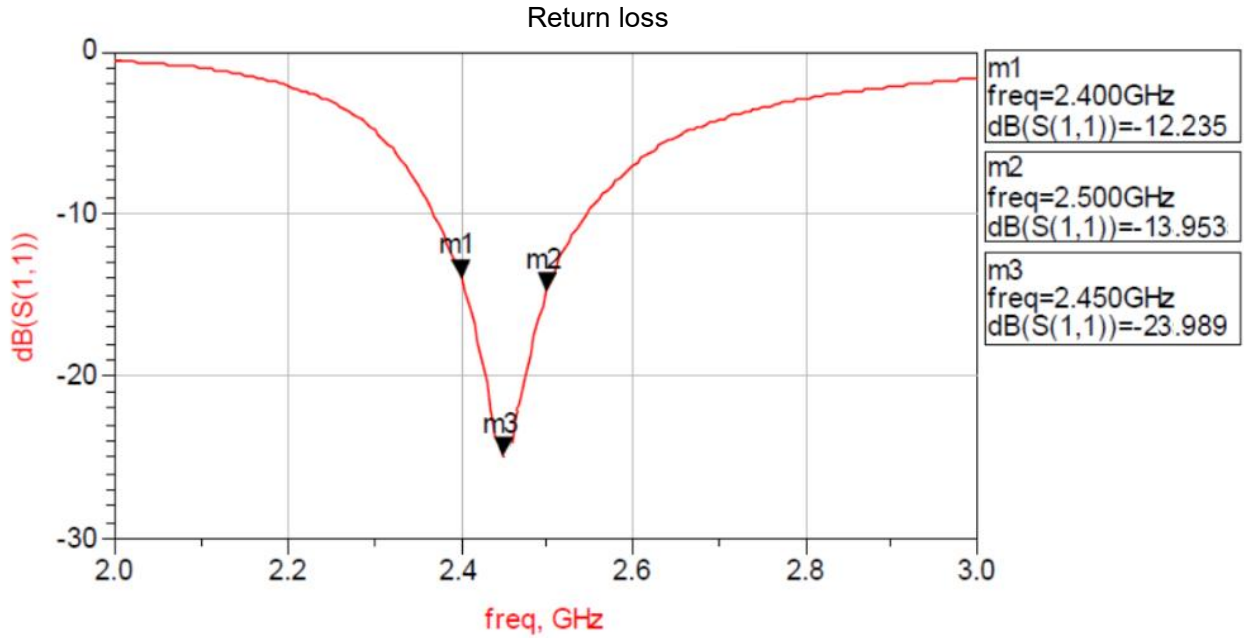
Yantel Corporation

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

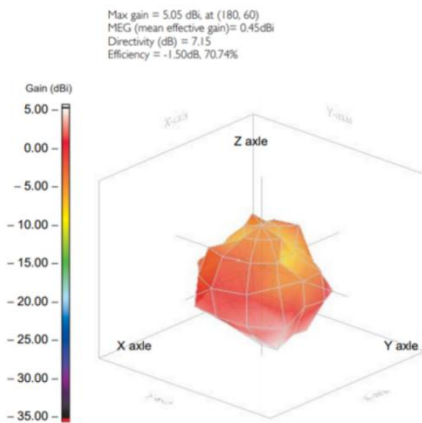
Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

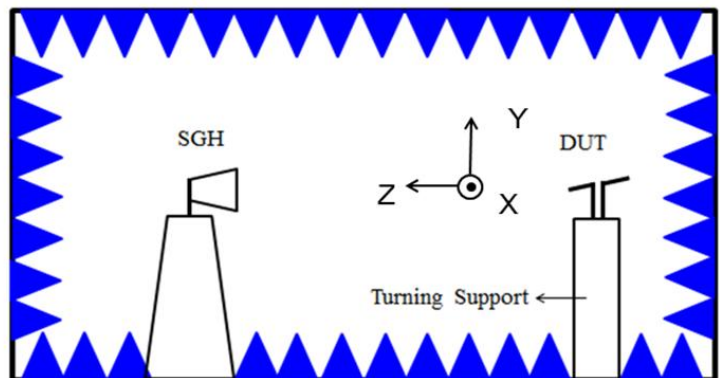
Typical Electrical Characteristics (T=25°C)



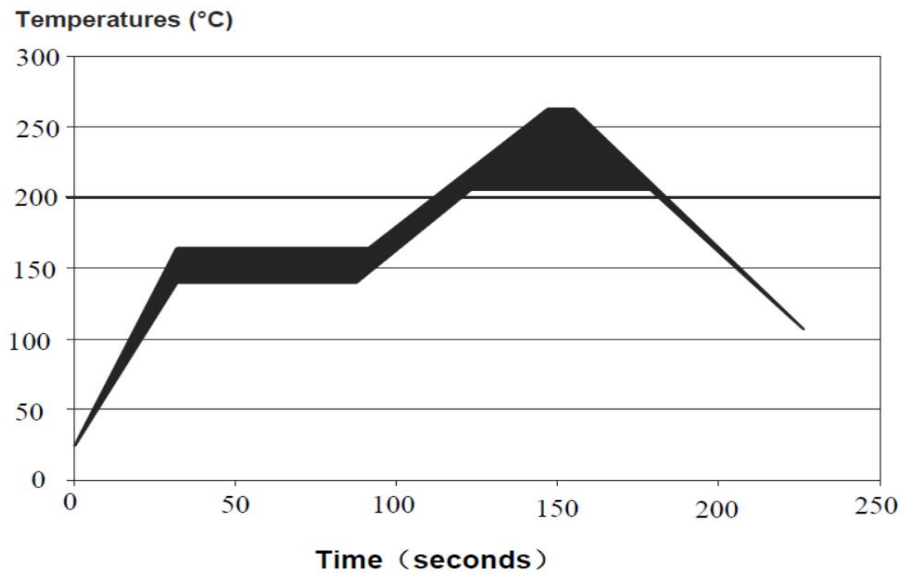
Radiation pattern



Chamber Coordinate System



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.