

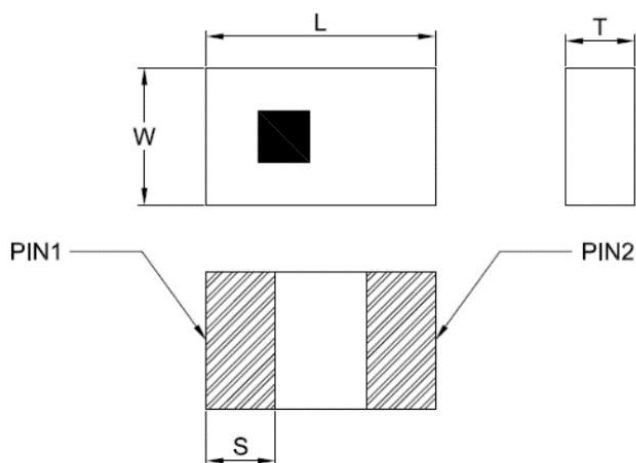
Features

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

Specifications

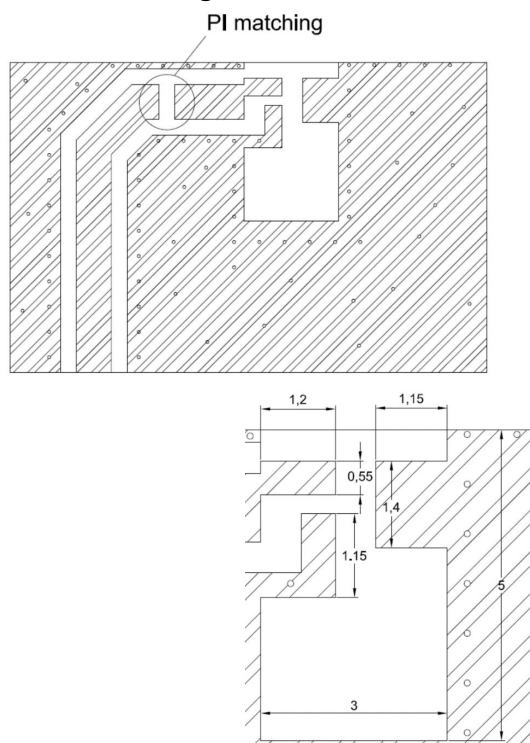
NO.	Parameter	SPC
1	Centre Frequency	2.45G
2	Bandwidth	65MHz (TYP)
	Return Loss	10dB min
3	Polarization	Linear
4	Azimuth Beamwidth	Omni-directional
5	Peak Gain	2.7 dBi (Typ)
6	Input Impedance	50 Ω
7	Maximum Power	1W
8	Operating Temperature	-40°C~105°C
9	Q'ty/Reel (pcs)	3,000
10	Storage Temperature Range	+5 ~ +35 °C, Humidity 45~75%RH
11	Storage Period	12 months max

Construction & Dimensions (Unit: mm)



PIN	Connection	PIN	Connection
1	Input port	2	Output port
Symbol	Dimension(mm)	Symbol	Dimension(mm)
L	2.0±0.2	W	1.25±0.2
T	0.6±0.1	S	0.6±0.1

Reference design of evaluation board



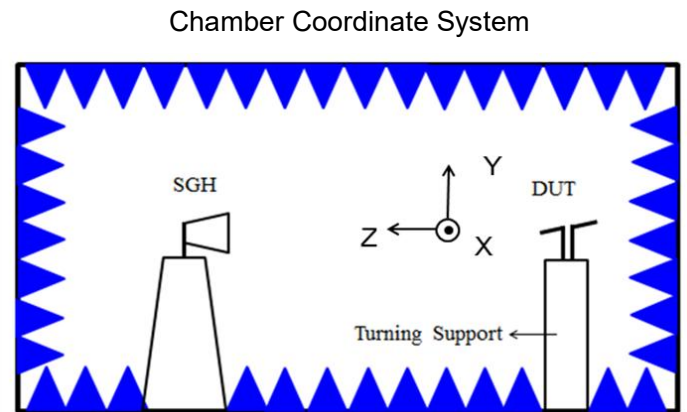
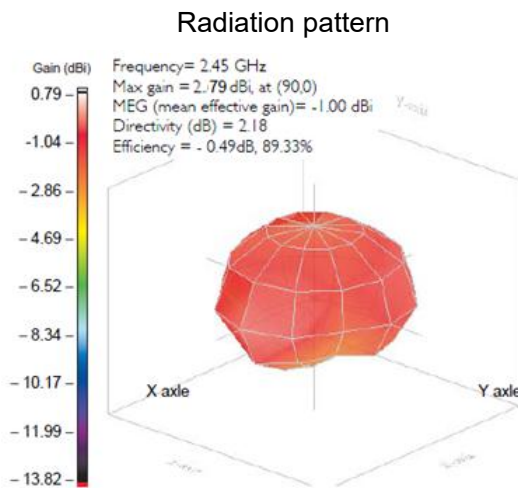
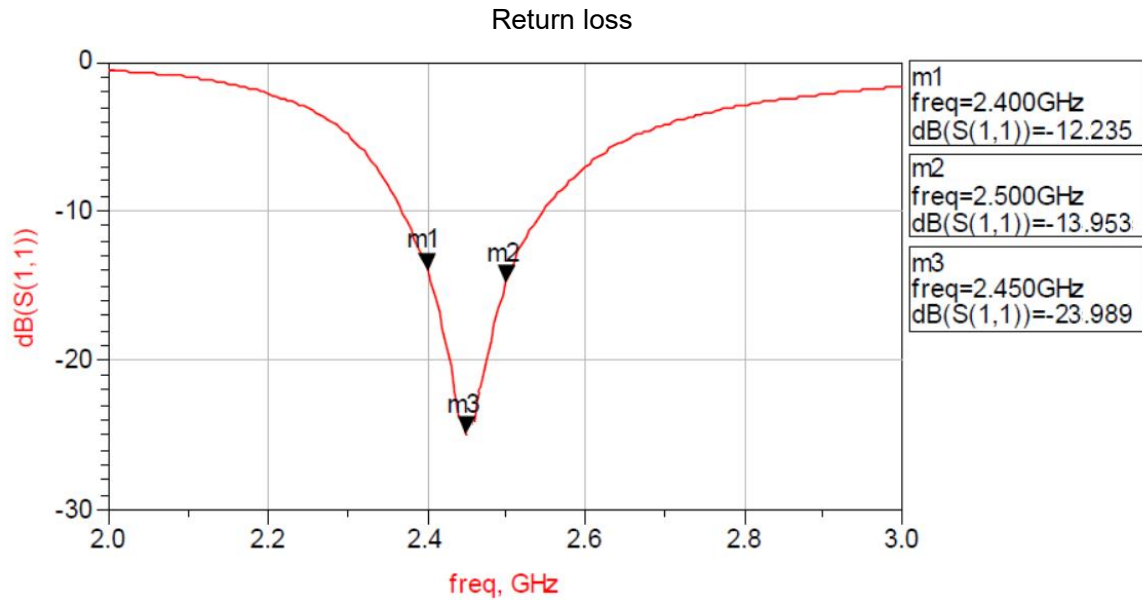
Yantel Corporation

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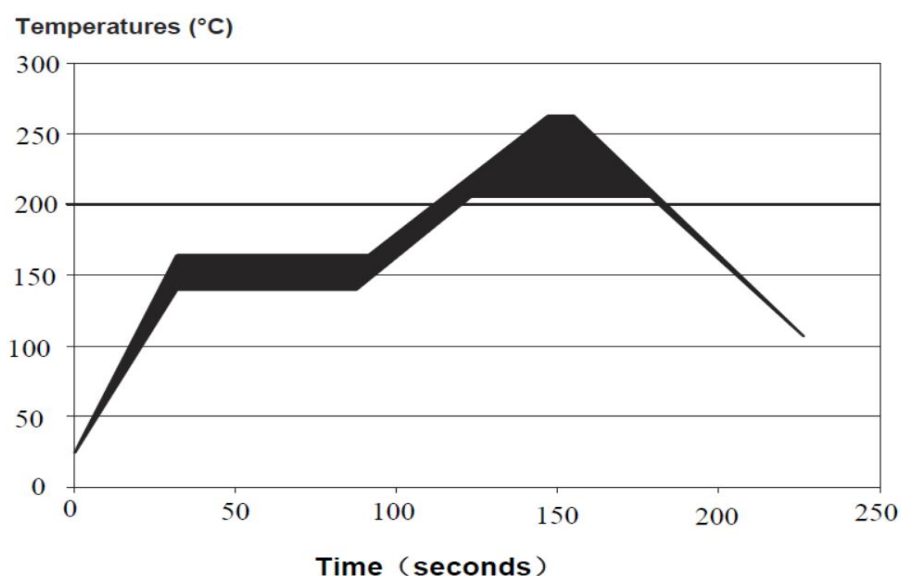
Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

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

Typical Electrical Characteristics (T=25°C)



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.