

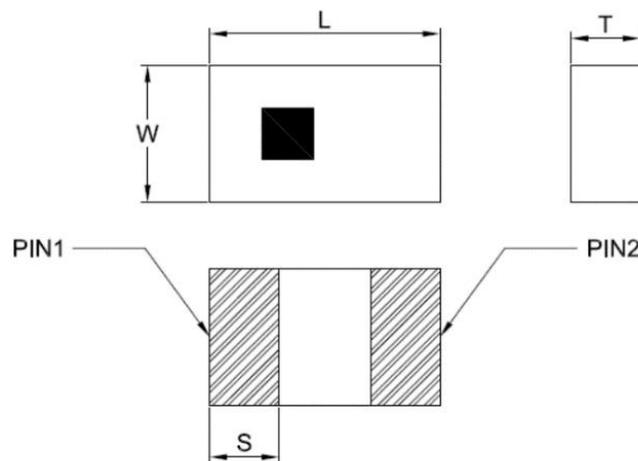
Features

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

Specifications

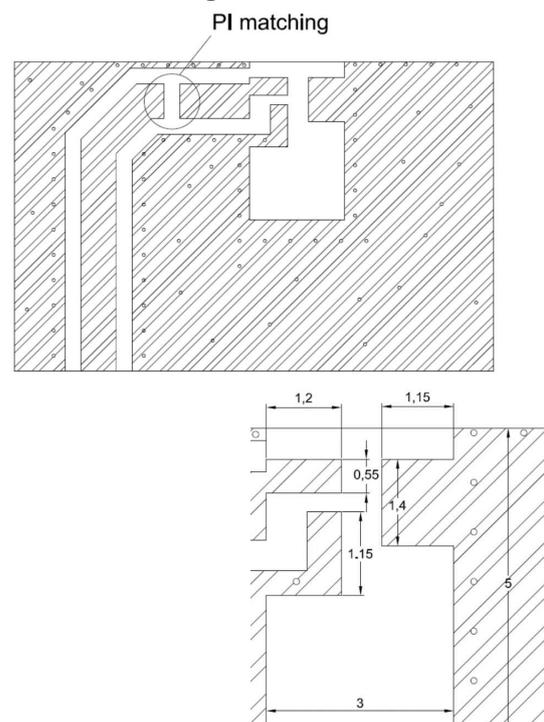
| NO. | Parameter | SPC |
|-----|---------------------------|--------------------------------|
| 1 | Centre Frequency | 2.45G |
| 2 | Bandwidth | 65MHz (TYP) |
| | Return Loss | 10dB min |
| 3 | Polarization | Linear |
| 4 | Azimuth Beamwidth | Omni-directional |
| 5 | Peak Gain | 2.7 dBi (Typ) |
| 6 | 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)

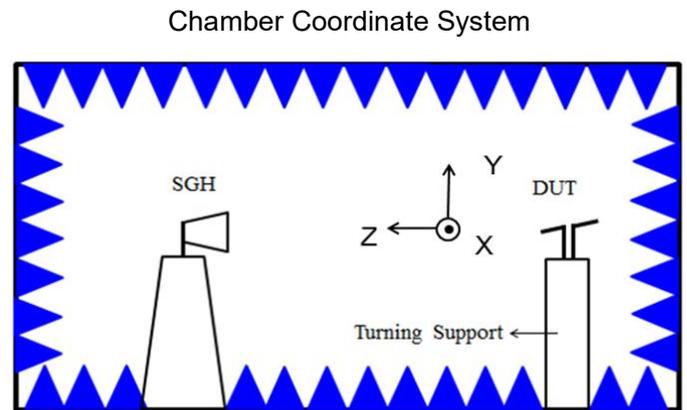
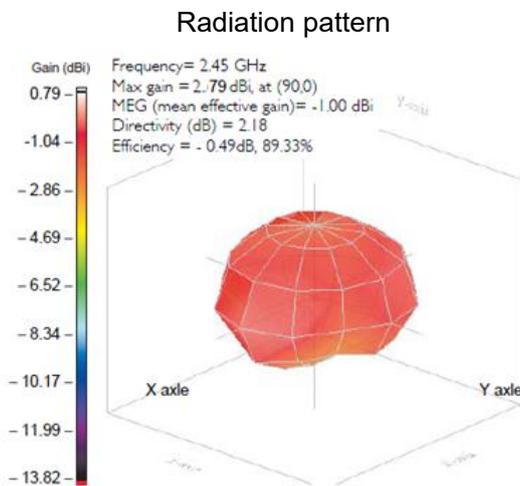
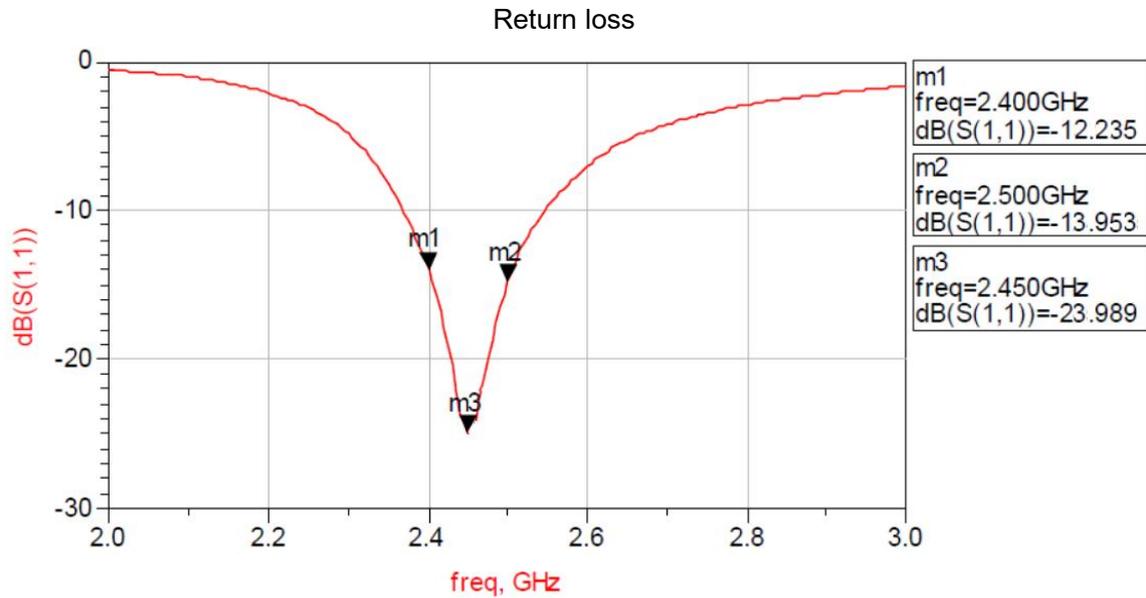


| PIN | Connection | PIN | Connection |
|--------|---------------|--------|---------------|
| 1 | Input port | 2 | Output port |
| Symbol | Dimension(mm) | Symbol | Dimension(mm) |
| L | 2.0±0.2 | W | 1.25±0.2 |
| T | 0.6±0.1 | S | 0.6±0.1 |

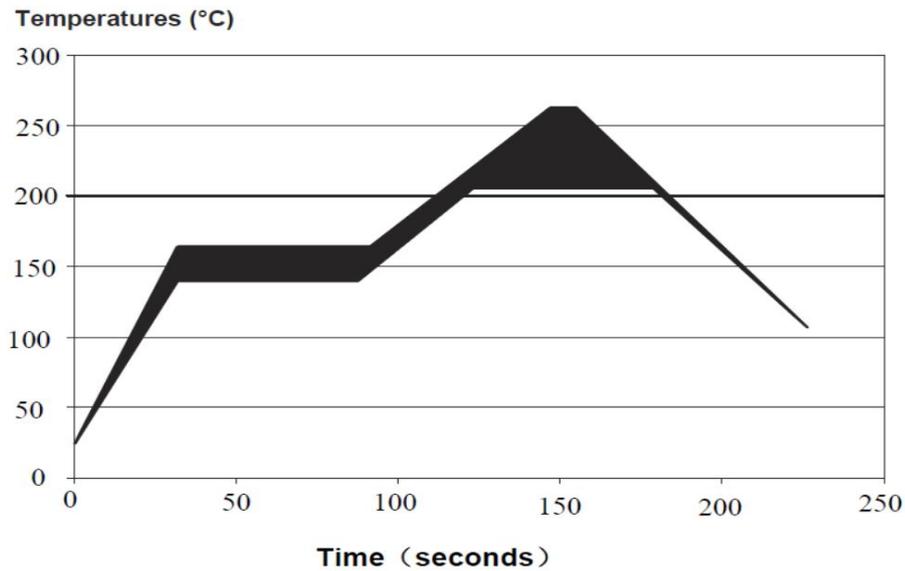
Reference design of evaluation board



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.