

GaAs MMIC Bandpass Filter Chip , 4.5-5.1GHz

Performance characteristics

- Frequency range: 4.5 - 5.1 GHz
- Passband loss : ≤ 4.5 dB
- attenuation : ≥ 20 dB@ 4.2GHz , 5.55GHz
 ≥ 40 dB@ 4.05GHz , 5.8GHz
- 50Ohm input / output
- Chip size: 1.85 x 1.9 x 0.1mm

Use limit parameters

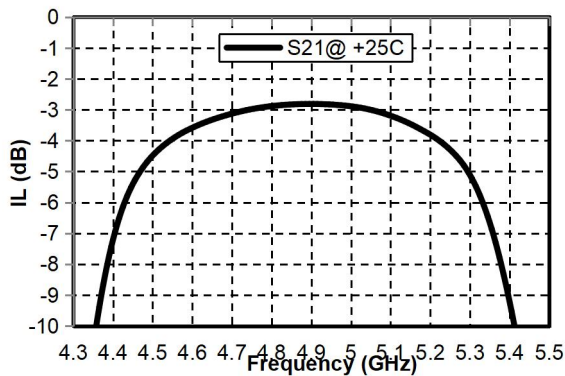
Maximum input power	30	dBm
Storage temperature	-65 ~ +150	degree
Operating temperature	-55 ~ +125	degree

Product Introduction

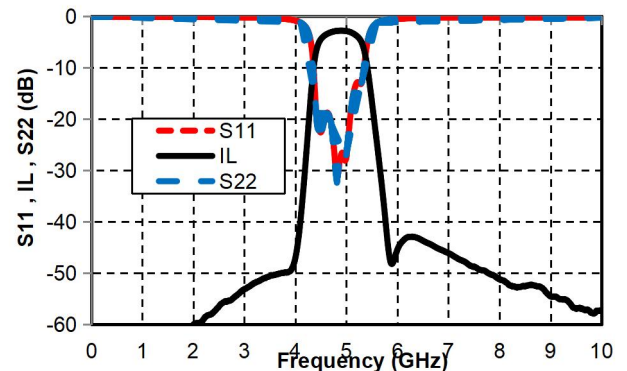
GFB-045051A is a bandpass filter chip with a frequency range of 4.5~5.1 GHz , an in-band insertion loss of less than 4.5 dB , and an in-band standing wave of less than 1.2 .

Main index test curve :

Insertion Loss vs. Operating Frequency

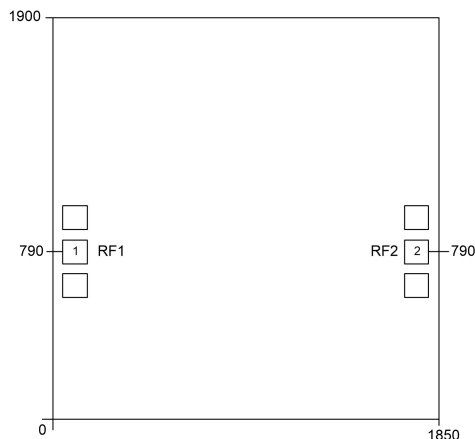


Frequency Response vs. Operating Frequency



Appearance structure

(The units in the figure are all microns, and the dimension tolerance is $\pm 50\mu\text{m}$)



Suggested assembly drawing

