

GaAs MMIC Bandpass Filter Chip , 5.3-5.8GHz

Performance characteristics

- Frequency range: 5.3 - 5.8 GHz
- Passband loss : ≤ 4.1 dB
- Stopband attenuation: ≥ 20 dB@ 4.8GHz , 6.3GHz
 ≥ 40 dB@ 4.6GHz , 6.5GHz
- 50Ohm input / output
- Chip size: 3.5 x 2.4 x 0.1mm

Use limit parameters

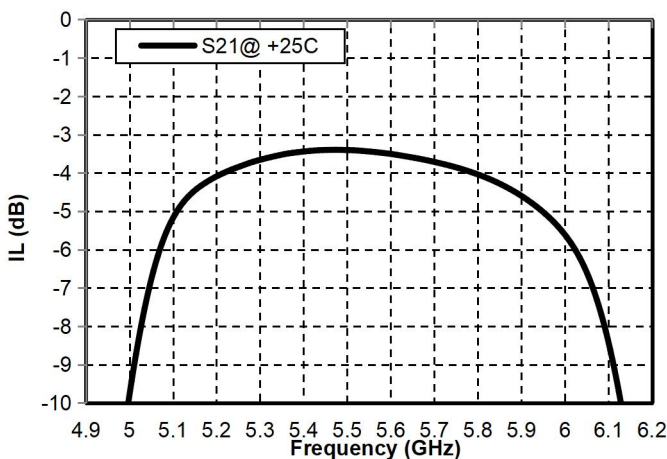
Maximum input power	30	dBm
Storage temperature	-65 ~ +150	degree
Operating temperature	-55 ~ +125	degree

Product Introduction

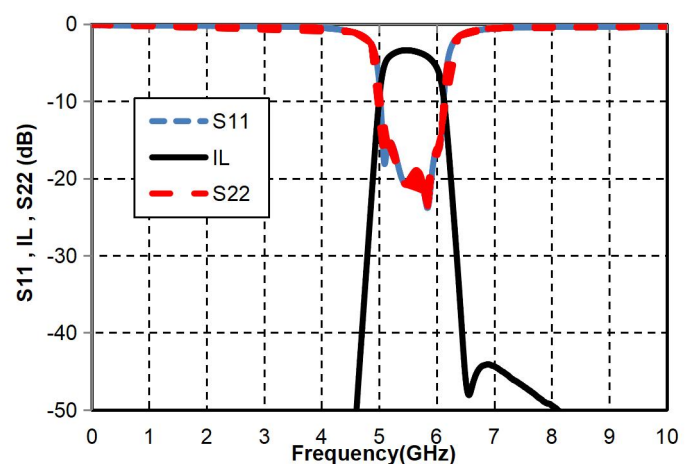
GFB-053058A is a bandpass filter chip with a frequency range of 5.3~5.8 GHz , an in-band insertion loss of less than 4.1 dB , and an in-band standing wave of less than 1.3 .

Main index test curve

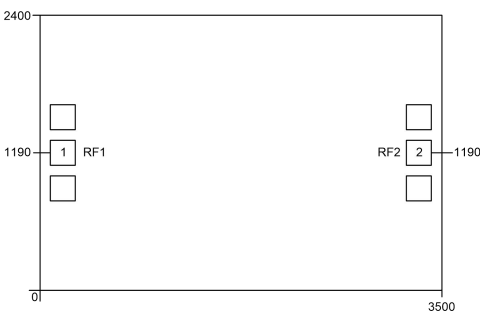
Insertion Loss vs. Operating Frequency



Frequency Response vs. Operating Frequency



Appearance structure



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

Suggested assembly drawing

