

GaAs MMIC High Pass Filter Chip, 1-7GHz

Performance characteristics

- range : 1- 7 GHz
- Insertion loss : 2.5 dB
- Stopband attenuation: $\geq 25\text{dB}@DC\sim 0.6\text{GHz}$
- 50Ohm input / output
- Chip size: 1.72 x 0.91 x 0.1mm

Using the Limit Parameter

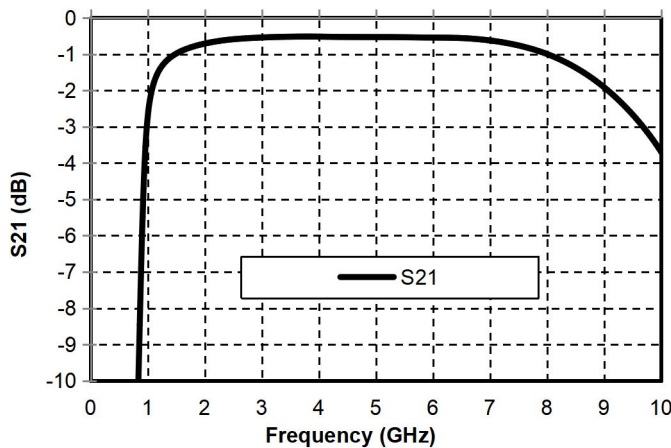
Maximum input power	30	dBm
Storage temperature	-65 ~ +150	degree
Operating temperature	-55 ~ +125	degree

Product Introduction

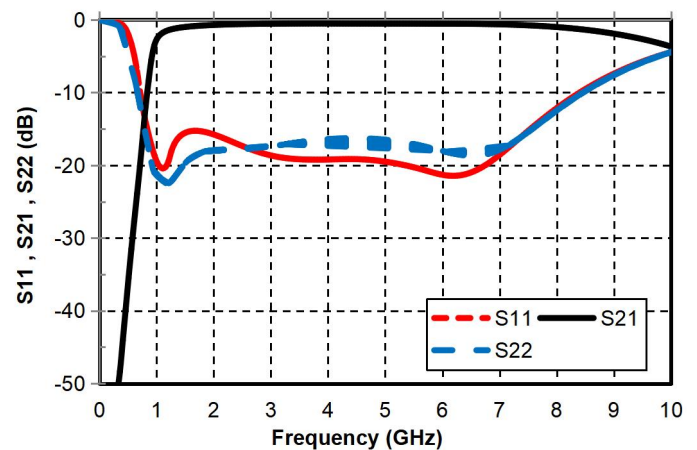
GFH-0107A is a high-pass filter chip with a frequency range of 1~ 7 GHz , an in-band insertion loss of 2.5dB, and an in-band standing wave of 1.3.

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 dimension tolerance is $\pm 50\mu\text{m}$)



Suggested assembly drawing

