

GaAs MMIC Bandpass Filter Chip , 4.4-5.0GHz

Performance characteristics

- Frequency Range: 4.4 - 5.0 GHz
- Passband loss : ≤ 1.7 dB
- Stopband attenuation: ≥ 20 dB @ 2.6 GHz , 7.2GHz
 ≥ 30 dB @ 2.5 GHz , 7.7 GHz
- 50Ohm input / output
- Chip size: 1.72 x 0.91 x 0.1mm

Use limit parameters

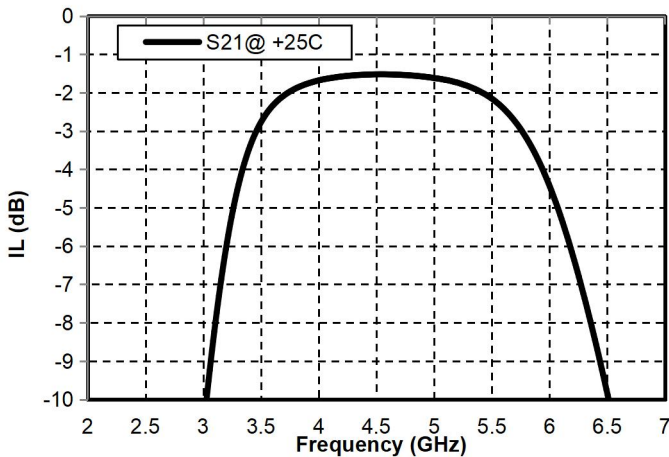
Maximum input power	30	dBm
Storage temperature	-65 ~ +150	degree
Operating temperature	-55 ~ +125	degree

Product Introduction

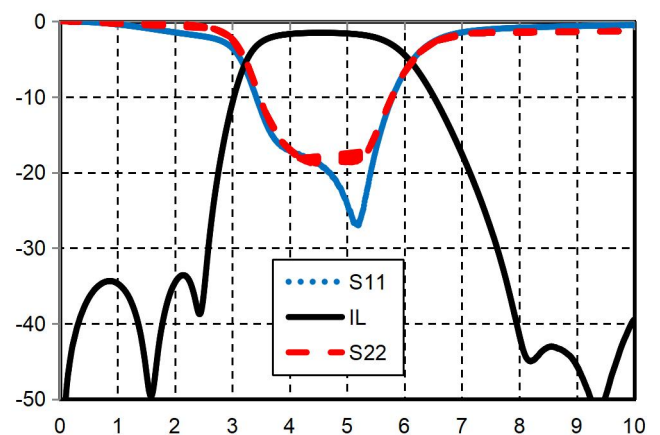
GFB-04405A is a bandpass filter chip with a frequency range of 4.4~5.0 GHz , an in-band insertion loss of less than 1.7 dB , and an in-band standing wave of less than 1.3 .

Main index test curve

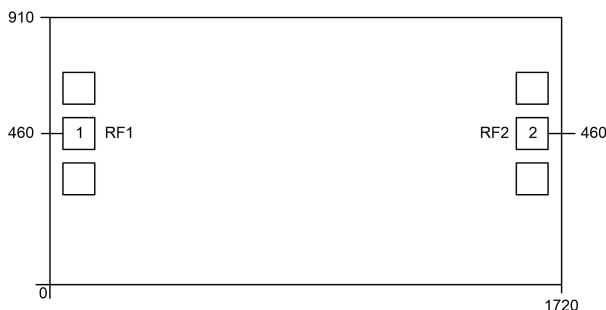
Insertion Loss vs. Operating Frequency



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

