

GaAs MMIC Bandpass Filter Chip , 7.7-9.2GHz

Performance characteristics

- Frequency range: 7.7 - 9.2 GHz
- Passband loss : ≤ 3.0 dB
- Stopband attenuation: ≥ 20 dB@ 6.6GHz , 10.3GHz
 ≥ 40 dB@ 4.7GHz , 10.7GHz
- 50Ohm input / output
- Chip size: 1.72 x 1.2 x 0.1mm

Use limit parameters

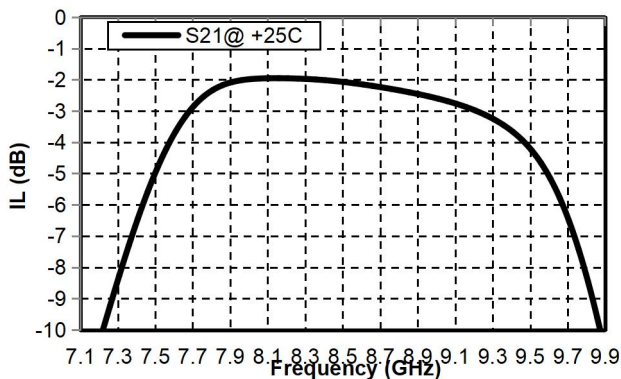
Maximum input power	30	dBm
Storage temperature	-65 ~ +150	degree
Operating temperature	-55 ~ +125	degree

Product Introduction

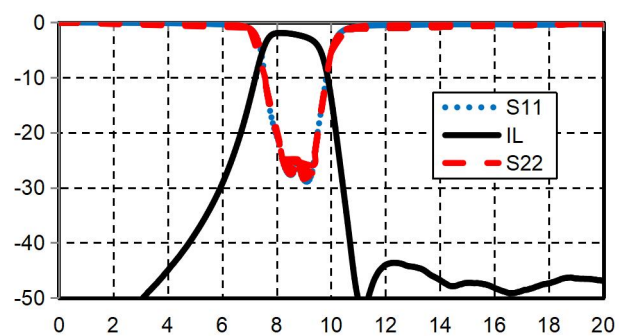
GFB-077092A is a bandpass filter chip with a frequency range of 7.7~9.2 GHz , an in-band insertion loss of less than 3.0 dB , and an in-band standing wave of less than 1.2 .

Main index test curve

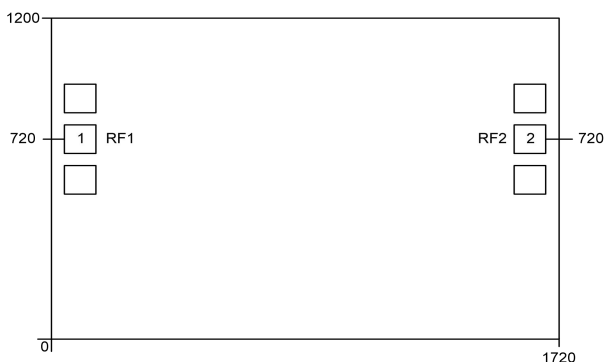
Insertion Loss vs. Operating Frequency



Frequency Response vs. Operating Frequency



Appearance structure



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

Suggested assembly drawing

