

GaAs MMIC Bandpass Filter Chip , 2.7-3.5GHz

Performance characteristics

- Frequency range: 2.7 - 3.5 GHz
- Passband loss : ≤ 3.3 dB
- Stopband attenuation: ≥ 20 dB@ 2.2 GHz , 4.2GHz
 ≥ 40 dB@ 2.0 GHz , 4.5 GHz
- 50ohm input / output
- Chip size: 2.73 x 1.2 x 0.1mm

Use limit parameters

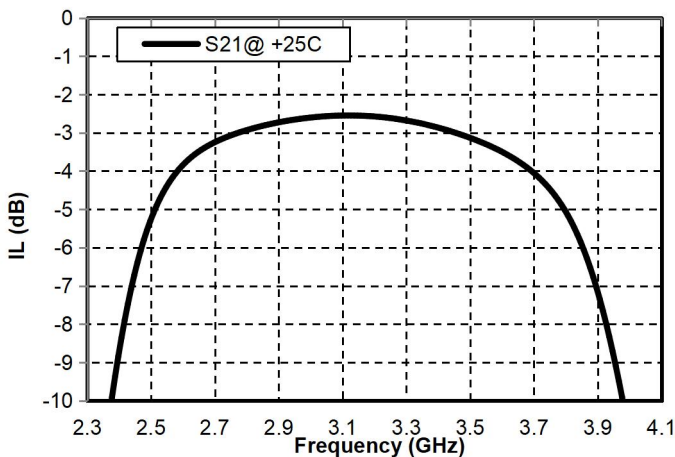
Maximum input power	30	dBm
Storage temperature	-65 ~ +150	degree
Operating temperature	-55 ~ +125	degree

Product Introduction

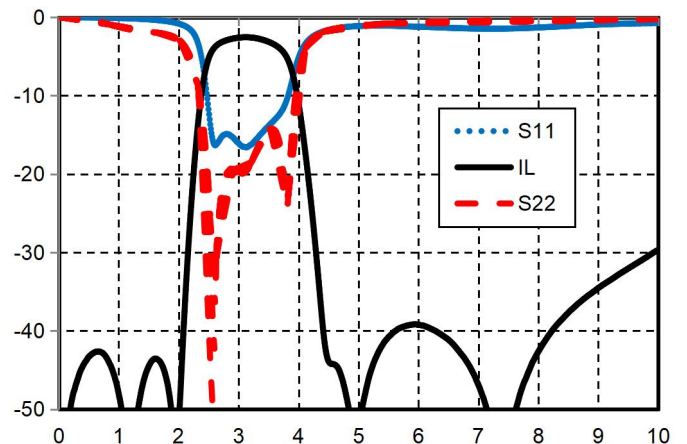
GFB-027035A is a bandpass filter chip with a frequency range of 2.7~3.5 GHz , an in-band insertion loss of less than 3.3 dB , and an in-band standing wave of less than 1.3 .

Main index test curve

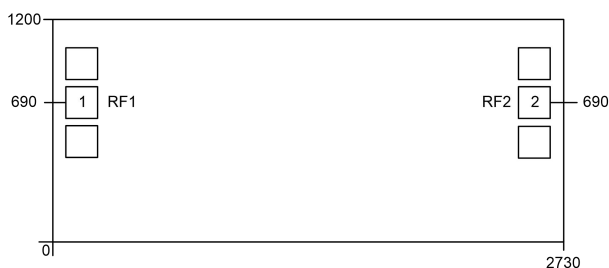
Insertion Loss vs. Operating Frequency



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

