

GaAs MMIC Bandpass Filter Chip , 0.9-1.5GHz

Performance characteristics

- Frequency range: 0.9 - 1.5 GHz
- Passband loss : ≤ 2.0 dB
- Stopband attenuation: ≥ 20 dB@0.52GHz, ≥ 20 dB@2.05GHz
- Stopband attenuation: ≥ 40 dB@0.43GHz, ≥ 40 dB@2.15GHz
- Chip size: 2.58 x 1.2 x 0.1mm

Use limit parameters

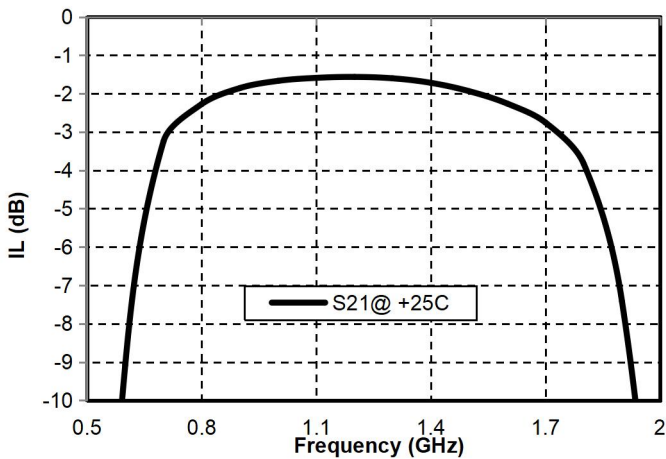
Maximum input power	30	dBm
storage temperature	-65 ~ +150	degree
Operating temperature	-55 ~ +120	degree

Product Introduction

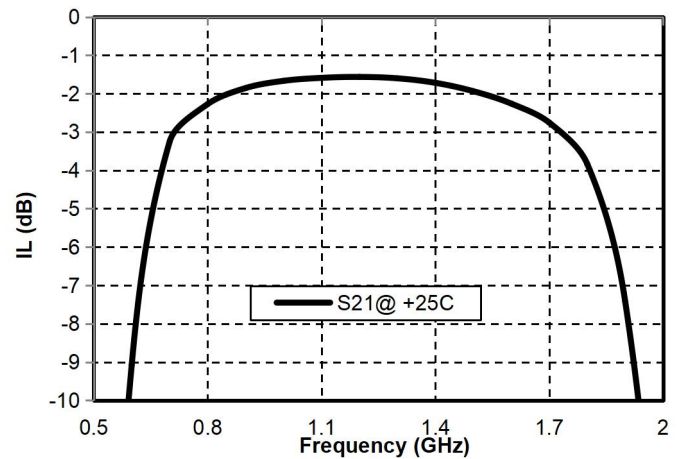
GFB-009015A is a bandpass filter chip with a frequency range of 0.9~1.5GHz , an in-band insertion loss of less than 2.0 dB , and an in-band standing wave of 1.5 .

Main index test curve

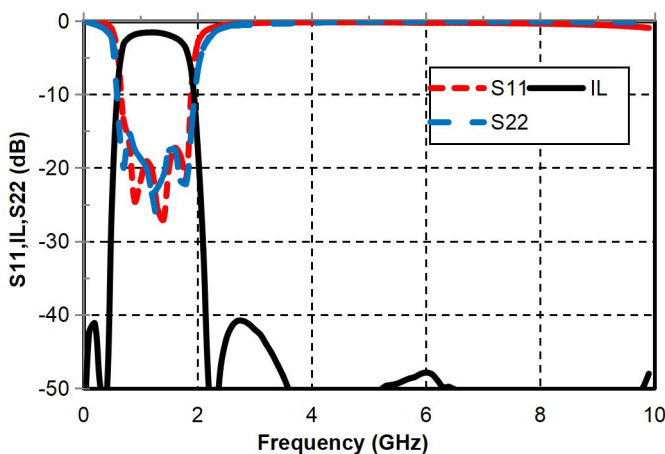
Insertion Loss vs. Operating Frequency



Frequency Response vs. Operating Frequency



Frequency Response vs. Operating Frequency



GFB-009015A

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Appearance structure :



The units in the figure are all microns (chip size tolerance $\pm 50\mu\text{m}$)