

## GaAs MMIC Bandpass Filter Chip , 2-4GHz

### Performance characteristics

- Frequency range: 2-4GHz
- Passband loss :  $\leq 2.9$  dB
- Stopband attenuation:  $\geq 42$  dB@1.3GHz,  $\geq 39$ dB@5.0 GHz
- 50Ohm input / output
- Chip size: 1.8 x 0.8 x 0.1mm

### Use limit parameters

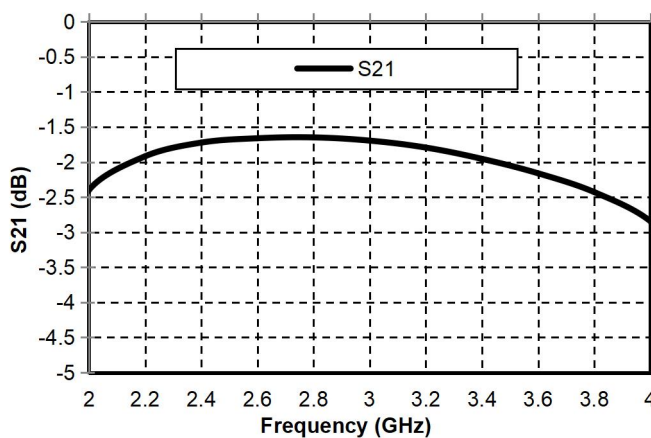
Maximum input power	30	dBm
storage temperature	-65 ~ +150	degree
Operating temperature	-55 ~ +120	degree

### Product Introduction

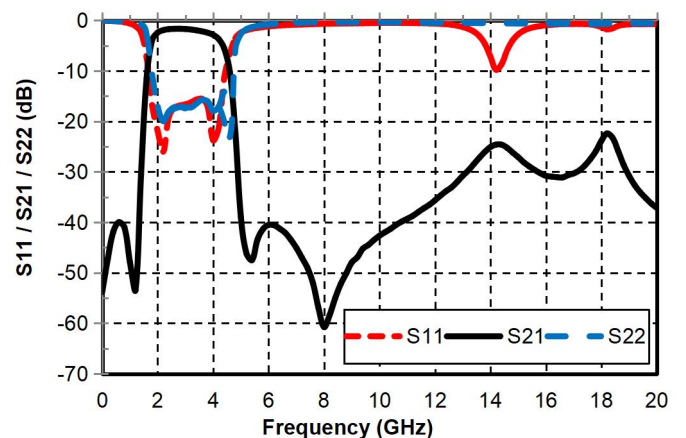
GFB-0204A is a bandpass filter chip with a frequency range of 2 to 4GHz , an in-band insertion loss of less than 2.9 dB , and an in-band standing wave of less than 1.3 .

### Main index test curve

Insertion Loss vs. Operating Frequency



Frequency Response vs. Operating Frequency



### Appearance structure



All units in the figure are micrometers

## Suggested assembly drawing

