

## GaAs MMIC Bandpass Filter Chip , 19-25GHz

### Performance characteristics

- Frequency Range: 19 - 25 GHz
- Passband loss :  $\leq 2.7$  dB
- Stopband attenuation:  $\geq 20$  dB@17.3 GHz, 26.8 GHz .  
 $\geq 40$ dB@14.1 GHz, 27.6 GHz
- 50Ohm input / output
- Chip size: 2.3 x 1.35 x 0.1mm

### Use limit parameters

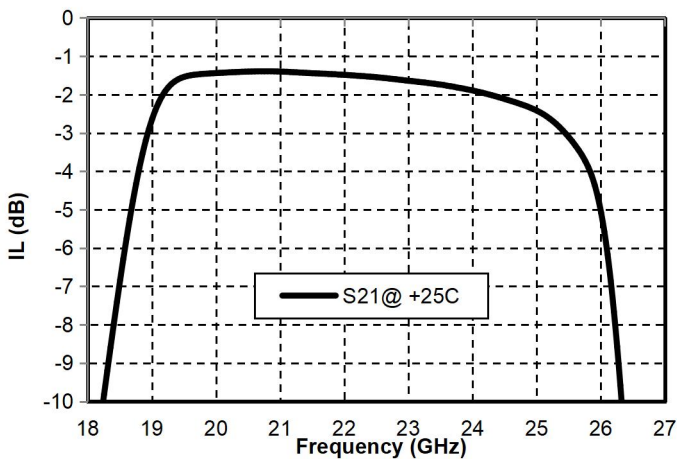
Maximum input power	30	dBm
storage temperature	-65 ~ +150	degree
Operating temperature	-55 ~ +125	degree

### Product Introduction

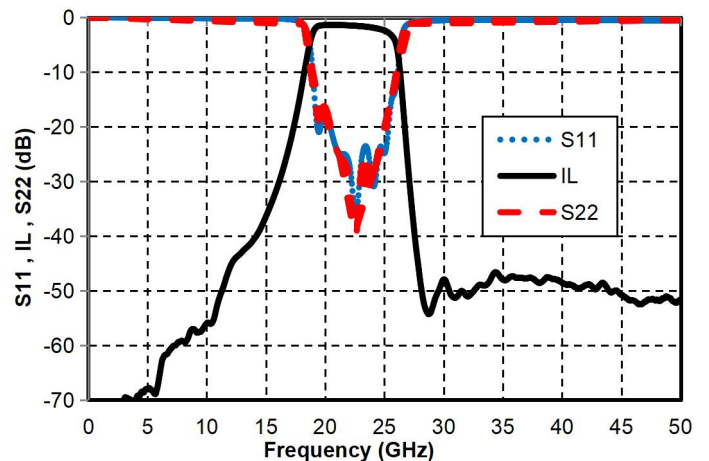
GFB-1925A is a bandpass filter chip with a frequency range of 19~25 GHz , an in-band insertion loss of less than 2.7 dB , and an in-band standing wave of less than 1.2 .

### Main index test curve

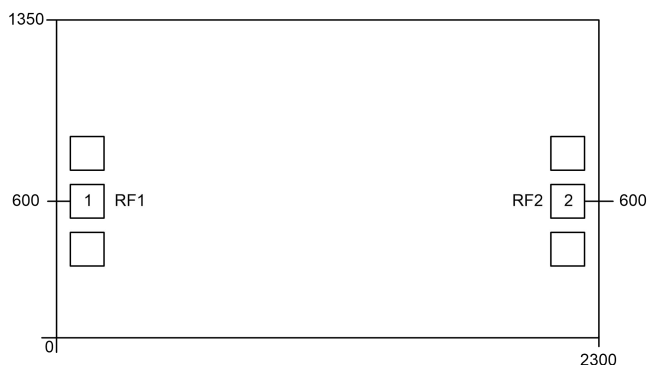
Insertion Loss vs. Operating Frequency



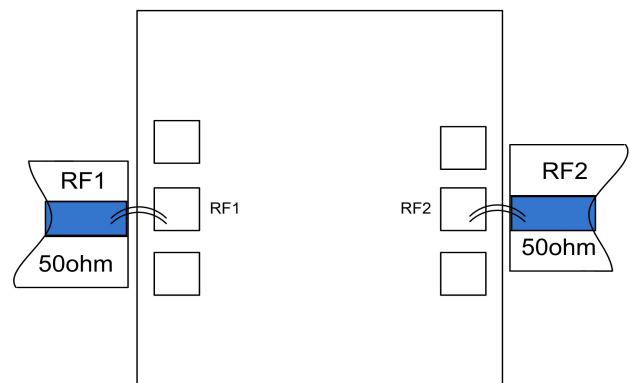
Frequency Response vs. Operating Frequency



### Appearance structure



### Suggested assembly drawing



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