

GaAs MMIC Low Pass Filter Chip, DC-1.2GHz

Performance characteristics

- Frequency range: DC-1.2GHz
- Insertion loss : 1.0 dB
- Stopband attenuation: $\geq 20\text{dB}@1.9\text{GHz}$
 $\geq 40\text{dB}@2.9\text{GHz}$
- 50Ohm input / output
- Chip size: 1.00 x 0.91 x 0.1mm

Use limit parameters

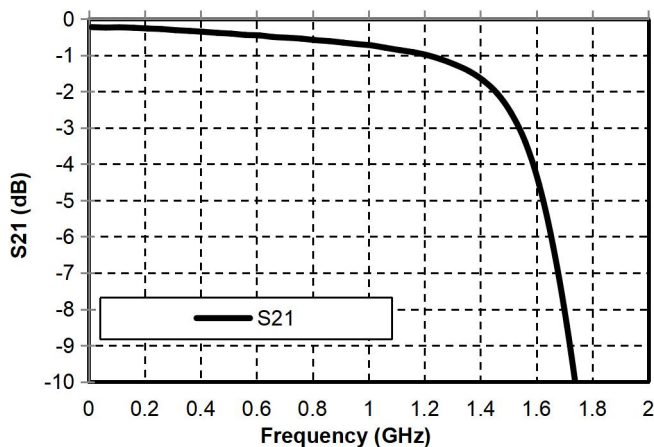
Maximum input power	30	dBm
Storage temperature	-65 ~ +150	degree
Operating temperature	-55 ~ +12 5	degree

Product Introduction

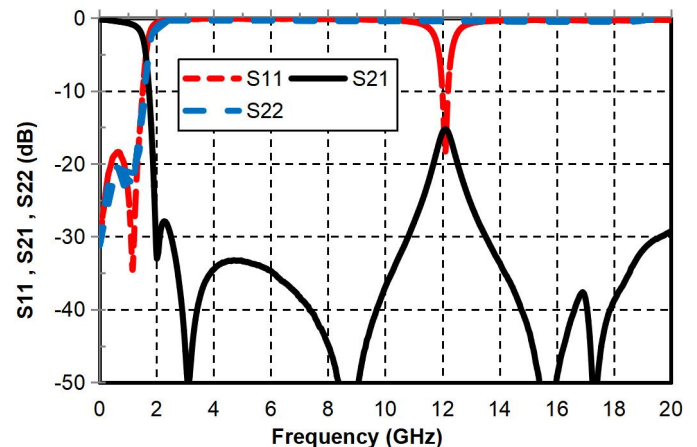
GFL-1.2A is a low-pass filter chip with a frequency range of DC ~1.2 GHz , an in-band insertion loss of 1.0 dB , and an in-band standing wave of less than 1.3 .

Main index test curve :

Insertion Loss vs. Operating Frequency

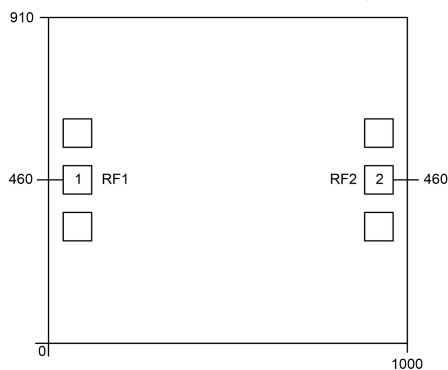


Frequency Response vs. Operating Frequency



Appearance structure

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



Suggested assembly drawing

