

## GaAs MMIC Low Pass Filter Chip, DC-0.8GHz

### Performance characteristics

- Frequency range: DC - 0.8 GHz
- Insertion loss : 1.1 dB
- Stopband attenuation:  $\geq 20\text{dB}@1.4\text{GHz}$   
 $\geq 40\text{dB}@2\text{GHz}$
- 50Ohm input / output
- Chip size: 1.00 x 0.91 x 0.1mm

### Use limit parameters

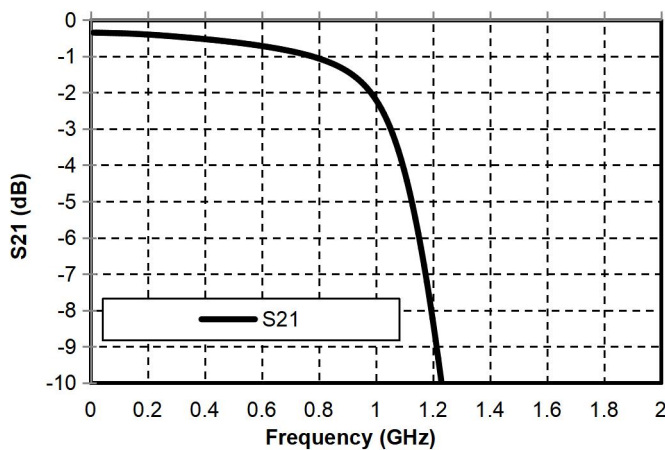
Maximum input power	30	dBm
Storage temperature	-65 ~ +150	degree
Operating temperature	-55 ~ +12 5	degree

### Product Introduction

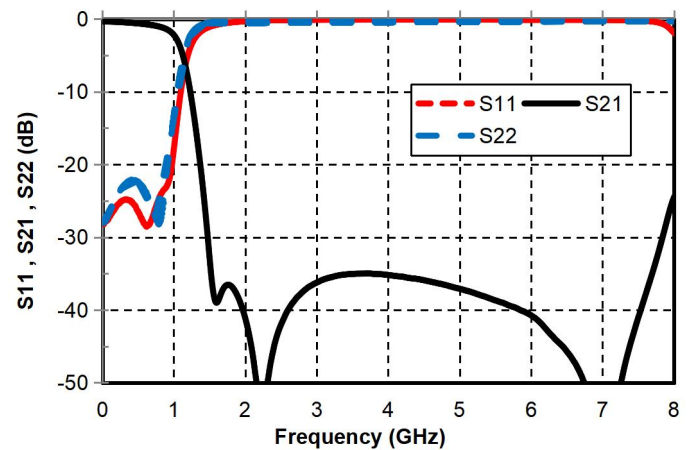
GFL-0.8A is a low-pass filter chip with a frequency range of DC ~ 0.8 GHz , an in-band insertion loss of 1.1 dB , and an in-band standing wave of less than 1.2 .

### Main index test curve

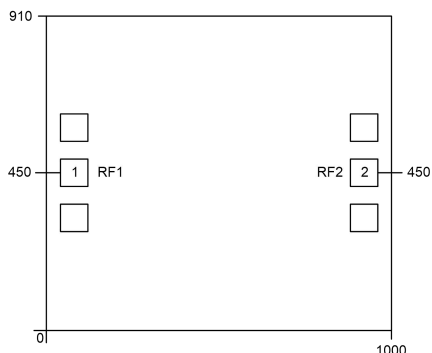
Insertion Loss vs. Operating Frequency



Frequency Response vs. Operating Frequency



### Appearance structure



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

### Suggested assembly drawing

