

## GaAs MMIC Low Pass Filter Chip, DC-1.7 GHz

### Performance characteristics

- Frequency range: DC - 1.7 GHz
- Insertion loss : 1.1 dB
- Stopband attenuation:  $\geq 20\text{dB}@2.35\text{GHz}$   
 $\geq 32\text{dB}@2.5\text{GHz}$
- 50Ohm input / output
- Chip size: 1.72 x 1.2 x 0.1mm

### Use limit parameters

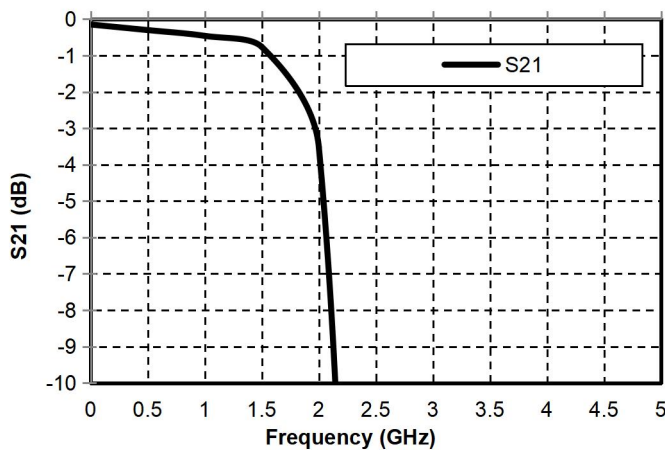
Maximum input power	30	dBm
Storage temperature	-65 ~ +150	degree
Operating temperature	-55 ~ +12.5	degree

### Product Introduction

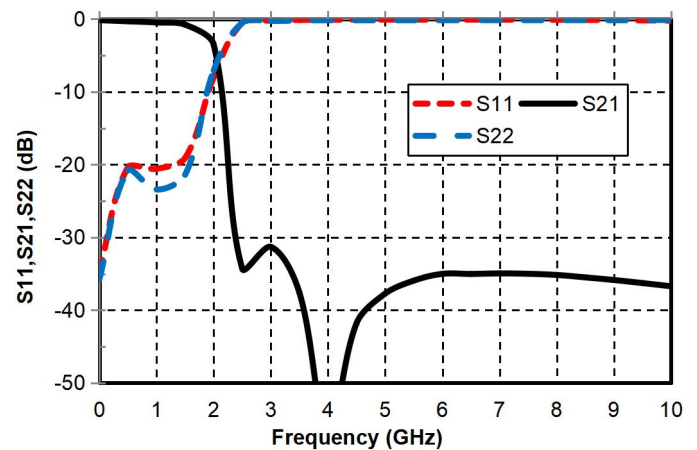
GFL-1.7 is a low-pass filter chip with a frequency range of DC ~1.7 GHz , an in-band insertion loss of less than 1.1 dB , and an in-band standing wave of less than 1.3 .

### Main index test curve

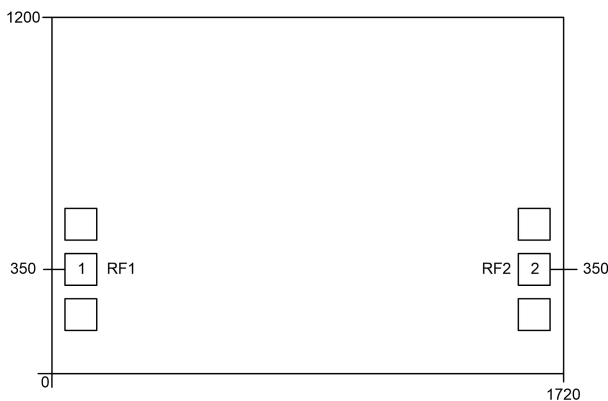
Insertion Loss vs. Operating Frequency



Frequency Response vs. Operating Frequency



### Appearance structure



All units in the figure are micrometers