

## GaAs MMIC Low Pass Filter Chip, DC-9 GHz

### Performance characteristics

- range : DC - 9GHz
- Insertion loss :  $\leq 1.3$  dB
- Stopband attenuation:  $\geq 20$  dB@12.6GHz ,  
 $\geq 40$  dB@ 14.4 GHz
- 50Ohm input / output
- Chip size: 1.72 x 0.91 x 0.1mm

### Use limit parameters

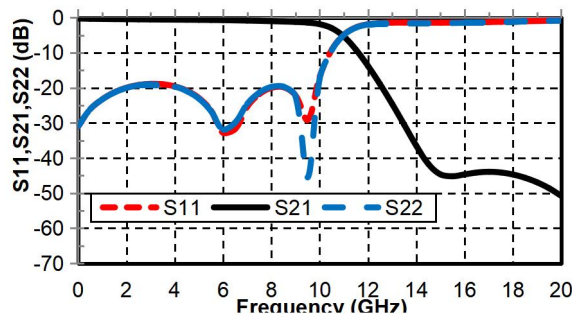
Maximum input power	30	dBm
Storage temperature	-65 ~ +150	degree
Operating temperature	-55 ~ +120	degree

### Product Introduction

GFL - 9 is a low-pass filter chip with a frequency range of DC to 9 GHz , an in-band insertion loss of less than 1.3 dB , and an in-band standing wave of less than 1.2 .

### Main index test curve

Insertion loss, input/output return loss vs. operating frequency



### Appearance structure



### Suggested assembly drawing



All units in the figure are micrometers