

## GaAs MMIC Low Pass Filter Chip, DC-19GHz

### Performance characteristics

- Frequency range: DC - 19 GHz
- Insertion loss :  $\leq 1.6$  dB
- Stopband attenuation:  $\geq 20$  dB@ 25.2 GHz ,  $\geq 40$  dB@ 26.6 GHz
- 50Ohm input / output
- Chip size: 1.72 x 0.91 x 0.1mm

### Use limit parameters

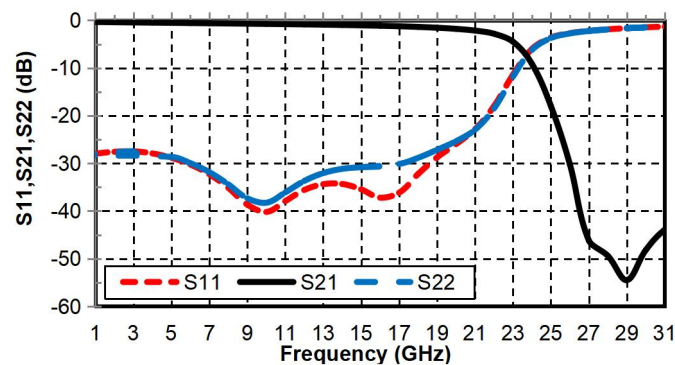
Maximum input power	30	dBm
Storage temperature	-65 ~ +150	degree
Operating temperature	-55 ~ +120	degree

### Product Introduction

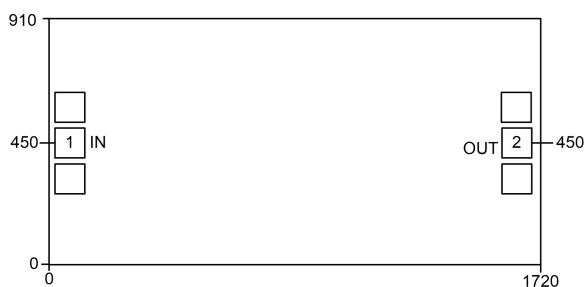
GFL - 19 is a low-pass filter chip with a frequency range of DC to 19 GHz , an in-band insertion loss of less than 1.6 dB , and an in-band standing wave of less than 1.1 .

### Main index test curve

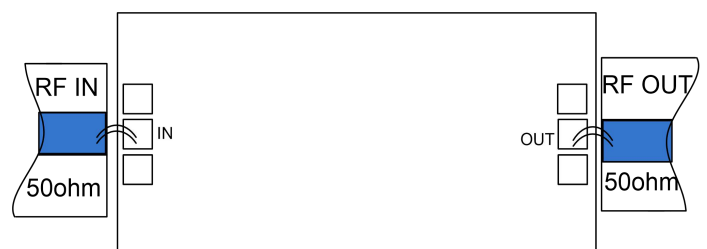
Insertion loss, input/output return loss vs. operating frequency



### Appearance structure



### Suggested assembly drawing



All units in the figure are micrometers