

## GaAs MMIC High Pass Filter Chip, 10-30GHz

### Performance characteristics

- Frequency Range: 10 - 30GHz
- Insertion loss : 1.4dB
- Stopband attenuation:  $\geq 20\text{dB}@7.2\text{GHz}$   
 $\geq 40\text{dB}@6.4\text{GHz}$
- 50Ohm input / output
- Chip size: 1.0 x 0.91 x 0.1mm

### Using the Limit Parameter

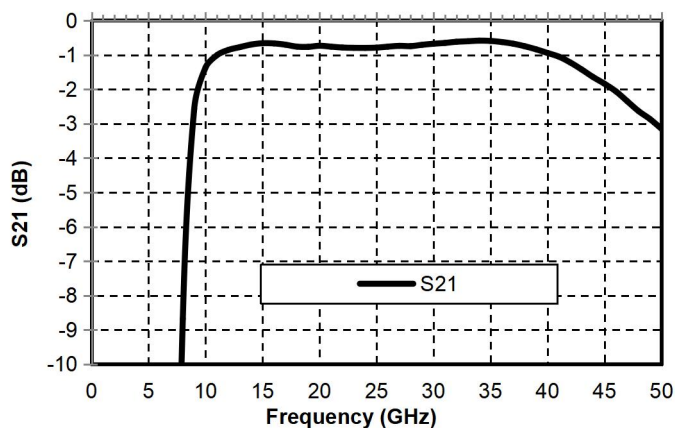
Maximum input power	30	dBm
Storage temperature	-65 ~ +150	degree
Operating temperature	-55 ~ +120	degree

### Product Introduction

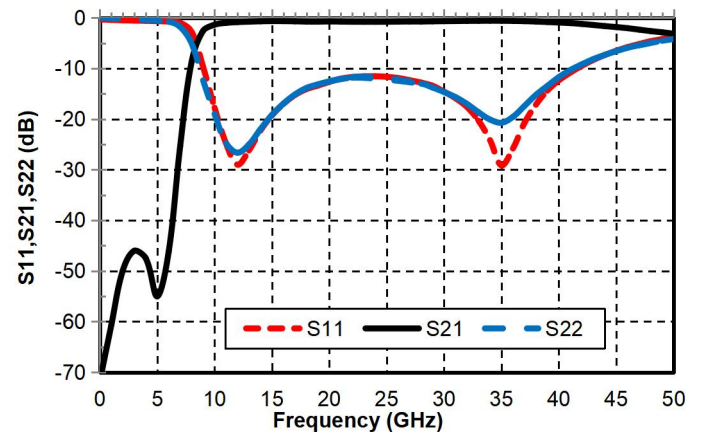
GFH-1030A is a high-pass filter chip with a frequency range of 10~30 GHz , an in-band insertion loss of 1.4 dB, and a standing wave of 1.4.

### Main index test curve

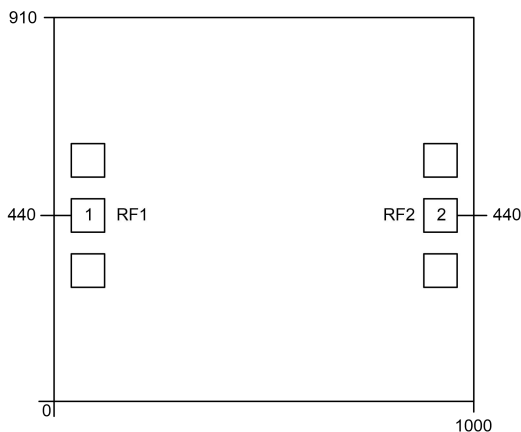
Insertion Loss vs. Operating Frequency



Frequency Response vs. Operating Frequency



### Appearance structure



All units in the figure are micrometers