

## GaAs MMIC 4dB Equalizer Chip, 0.1-1.3GHz

### Performance characteristics

- Frequency range: 0.1-1.3GHz
- Equalization Amount : 4 dB
- Insertion loss: 0.4d B @ 1.3 GHz
- 50Ohm input / output
- 100% on-wafer testing
- Chip size: 0.91 x 1.00 x 0.1mm

Use the limit parameter:

Maximum input power	+30dBm
Operating temperature	-55 ~ + 125 °C
storage temperature	-65 ~ +150°C

### Product Introduction

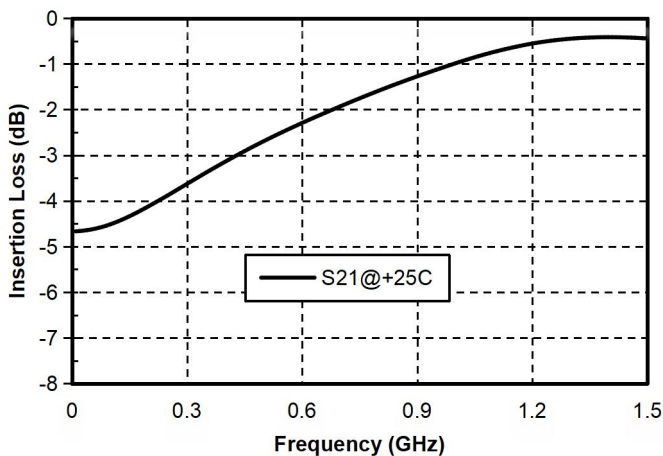
GEQ-000013-4A is a GaAs MMIC equalizer chip with a frequency range of 0.1 GHz ~1.3 GHz , an equalization amount of 4 dB , and an input / output standing wave of 1.2/1.2.

#### Electrical performance parameters ( TA = +25°C)

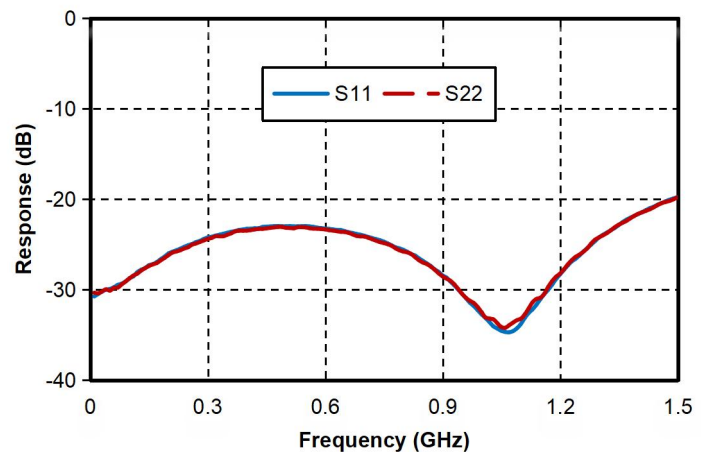
index	Minimum	Typical Value	Maximum	unit
Frequency Range	0.1~1.3			G Hz
Balance	-	4	-	dB
Input / output return loss	-	20/20	-	dB

### Main index test curve

Insertion Loss vs. Operating Frequency



Input /Output Return Loss vs. Operating Frequency



Appearance and structure ( the units in the figure are all micrometers , the external dimension tolerance is  $\pm 50\mu\text{m}$  )

Recommended assembly drawing

