

## GaAs MMIC 3dB Equalizer Chip, 1-2GHz

### Performance characteristics

- Frequency range: 1-2GHz
- Equalization Amount : 3 dB
- Insertion loss: 0.3dB@2GHz
- Standing wave: 1.1
- 50Ohm input / output
- Chip size: 0.8 x 0.85 x 0.1mm

Use the limit parameter

Maximum input power	+30dBm
Operating temperature	-55 ~ +85°C
storage temperature	-65 ~ +150°C

### Product Introduction

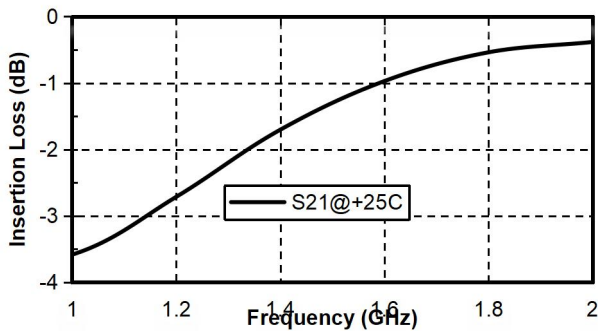
GEQ-01023A is a GaAs MMIC equalizer chip with a frequency range of 1 GHz to 2 GHz and an equalization amount of 3 dB .

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

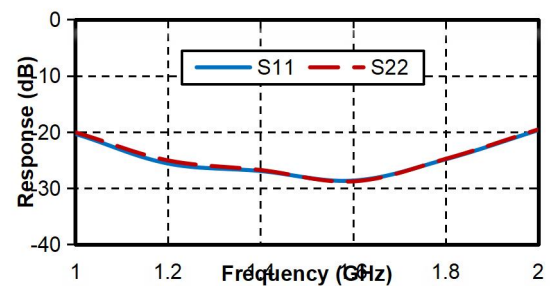
index	Minimum	Typical Value	Maximum	unit
Frequency Range	1-2			G Hz
Balance		3		dB
Input/output return loss	-	20/20	-	dB

#### Main index test curve

Insertion Loss vs. Operating Frequency



Input /Output Return Loss vs. Operating Frequency



#### Appearance structure ( units in the figure are all microns ) ( Dimensional tolerance: $\pm 5.0\mu\text{m}$ )

