

GaAs MMIC 4dB Equalizer Chip , 0.5-3 GHz

Performance characteristics

- Frequency range: 0.5-3GHz
- Equalization Amount : 4 dB
- Insertion loss: 0.6dB@3GHz
- 50Ohm input / output
- Chip size: DFN 2X2 mm

Use the limit parameter

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

Product Introduction

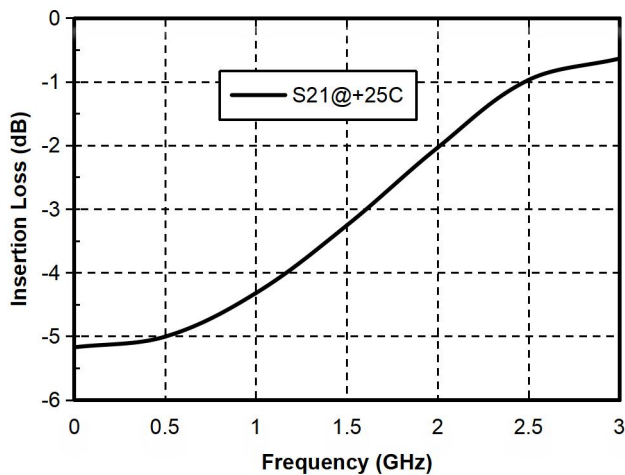
GEQ-01034-CQ4 is a GaAs MMIC equalizer chip, frequency range covers 0.5 ~ 3 GHz , equalization amount 4 dB , input / output standing wave 1.1/1.1.

Electrical performance parameters (TA = +25°C)

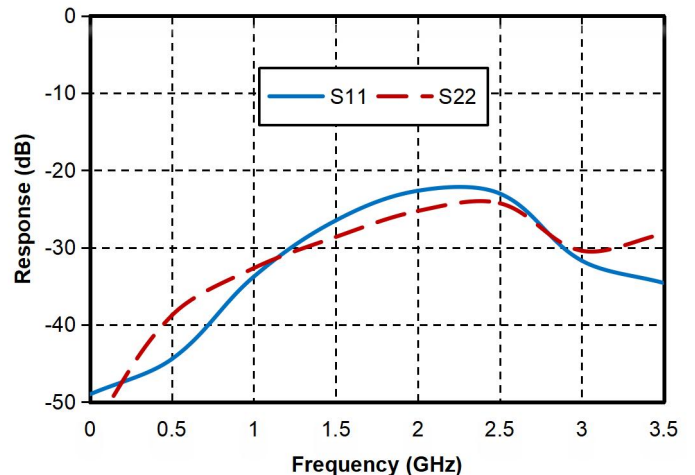
Index	Minimum	Typical Value	Maximum	Unit
Frequency Range	0.5-3			GHz
Balance		4		dB
Input / output return loss	-	25/25	-	dB

Main index test curve

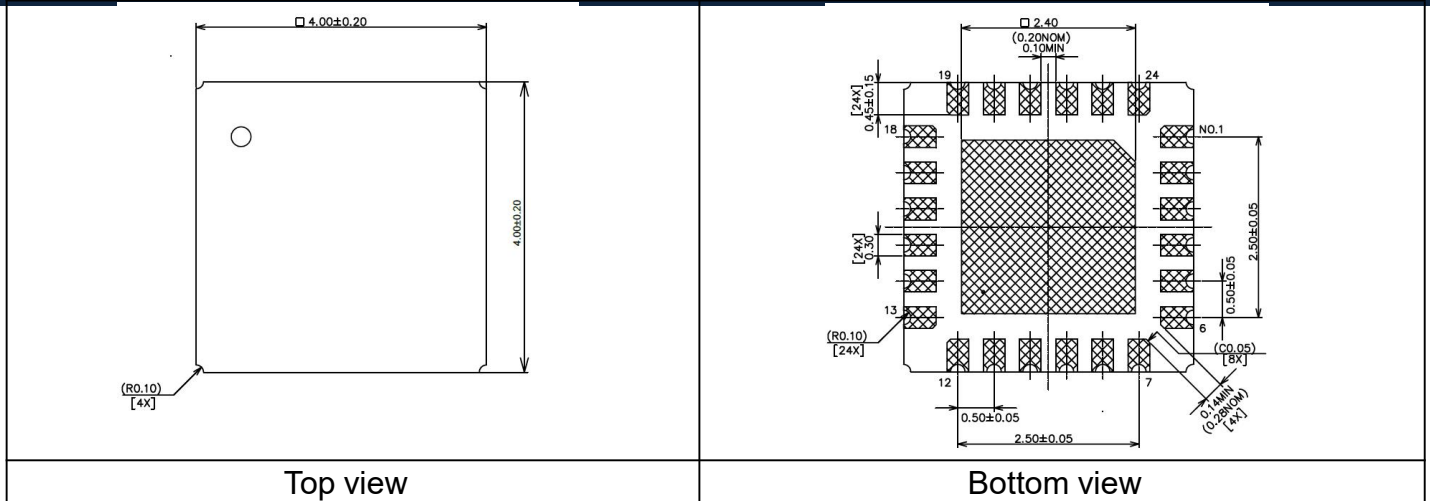
Insertion Loss vs. Operating Frequency



Input /Output Return Loss vs. Operating Frequency

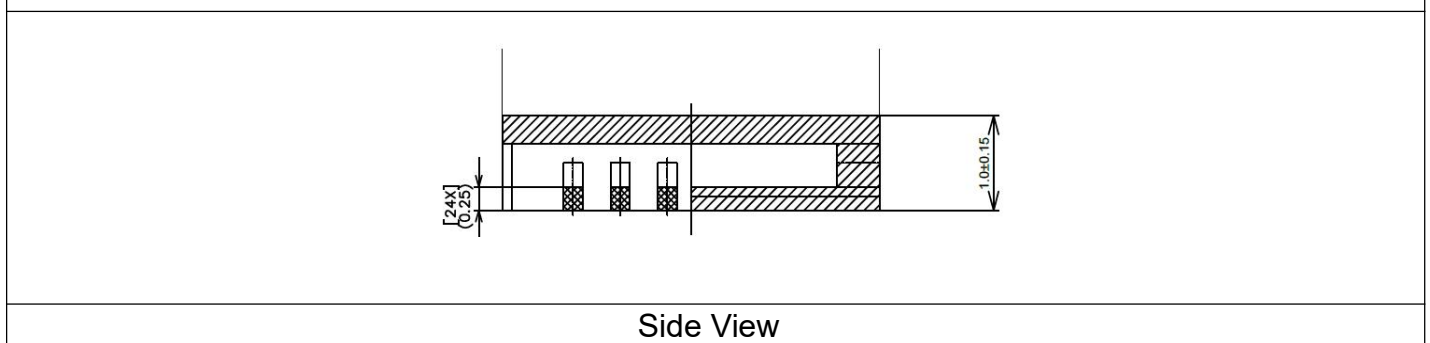


Appearance and structure (units in the figure are all millimeters)

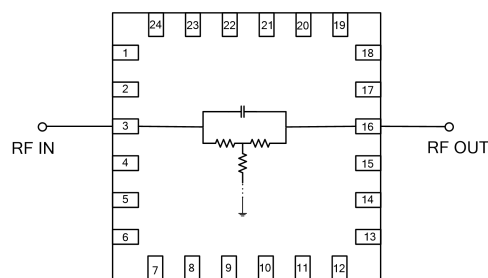


GaAs MMIC 4 dB Equalizer Chip , 2-6 GHz

Appearance and structure (units in the figure are all millimeters)



Recommended assembly drawing



Pin Definition		
Bonding point number	Function Symbol	Functional Description
3	RFIN	RF signal input terminal
16	RFOUT	RF signal output terminal

Other	GND	The bottom of the chip needs to be well grounded to RF and DC
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