

KR Electronics, Inc.

General Description

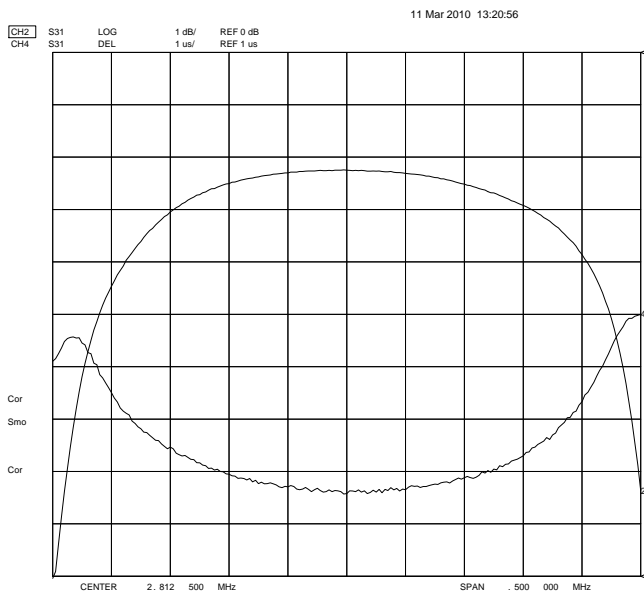
KR Electronics part number 2970 is a 2.8125 MHz bandpass filter. The filter has a 3 dB bandwidth of 425 KHz and is designed for a source and load impedance of 50 Ω . Other passband frequencies are available. Please consult the factory.

Features

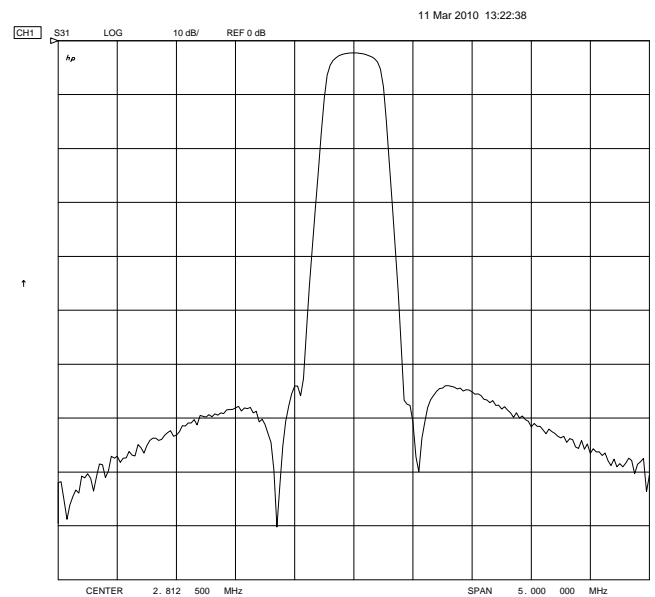
- 2.8125 MHz Center Frequency
- 3 dB Bandwidth 425 KHz \pm 10%
- Elliptic Filter for Quick Transition
- 50 Ω Source and Load

Typical Performance

Passband Amplitude & Group Delay (1 dB/div and 1 usec/div)



Overall Response (10 dB/div)



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KR Electronics 2970

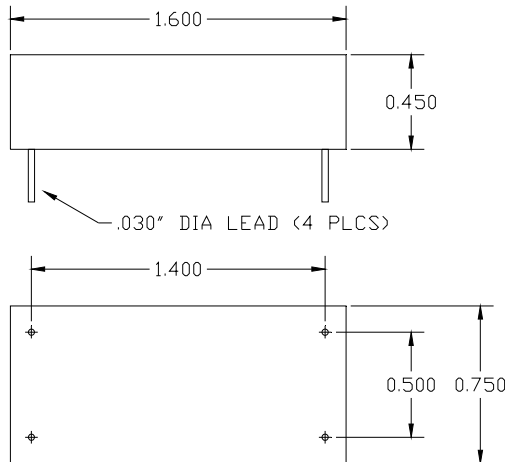
Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	2.8125 MHz
Insertion Loss	< 3.5 dB (2.5 dB typical)
3 dB Bandwidth	425 KHz \pm 10%
Attenuation at 2.4 MHz	40 dB min (50 to 60 dB typical)
Attenuation at 3.225 MHz	40 dB min (50 to 60 dB typical)
Source and Load	50 Ω

Physical Dimensions



Dimensions in inches
Epoxy Case



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