

General Description

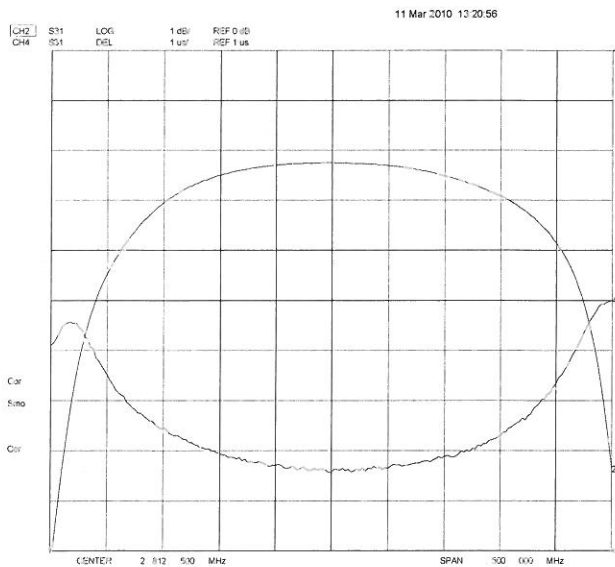
KR Electronics part number 2970 is a 2.8125 MHz bandpass filter. The filter has a 3 dB bandwidth of 425 KHz and is designed for a source and load impedance of 50 Ω . Other passband frequencies are available. Please consult the factory.

Features

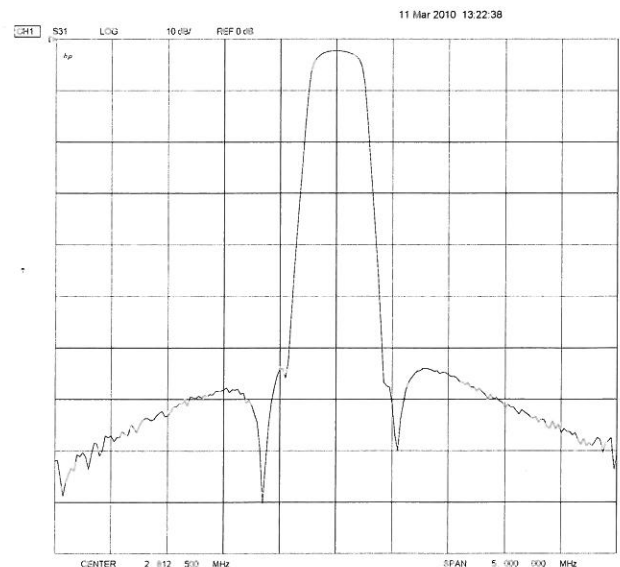
- 2.8125 MHz Center Frequency
- 3 dB Bandwidth 425 KHz $\pm 10\%$
- Elliptic Filter for Quick Transition
- 50 Ω Source and Load

Typical Performance

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



Overall Response
(10 dB/div)



KR Electronics, Inc.
91 Avenel Street
Avenel, NJ 07001

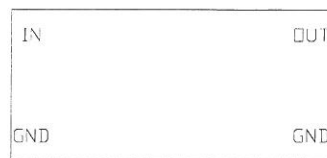
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KR Electronics 2970

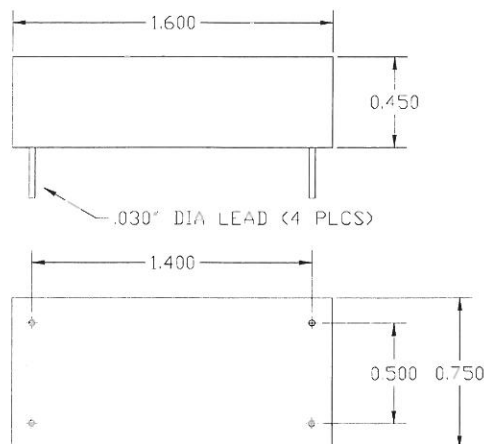
Specifications

| Parameter | Specification |
|--------------------------|---------------------------------|
| Filter type | Bandpass |
| Center Frequency | 2.8125 MHz |
| Insertion Loss | < 3.5 dB (2.5 dB typical) |
| 3 dB Bandwidth | 425 KHz ±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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