

KR Electronics

General Description

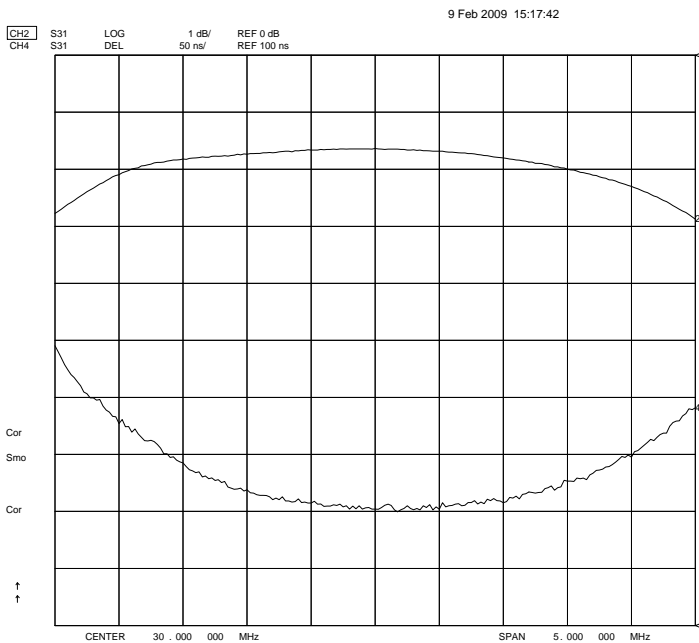
KR 2870 is a 30 MHz bandpass filter. The filter has a minimum 3 dB bandwidth of 5 MHz. Other passband frequencies are available. Please consult the factory.

Features

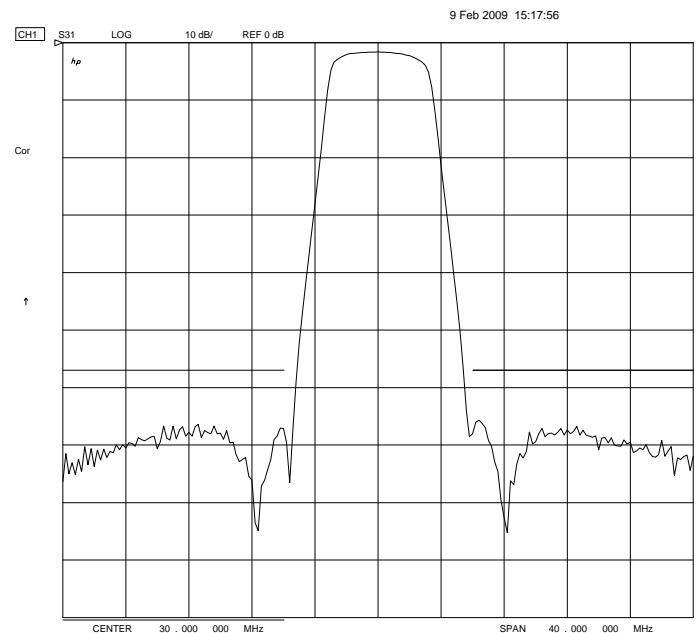
- 30 MHz Center Frequency
- 3 dB Bandwidth 5 MHz min
- Surface Mount
- 50 Ω Source and Load

Typical Performance

Passband Amplitude & Group Delay
(1 dB/div and 50 nsec/div)



Overall Response
(10 dB/div)



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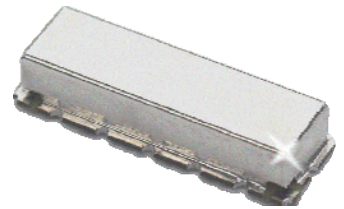
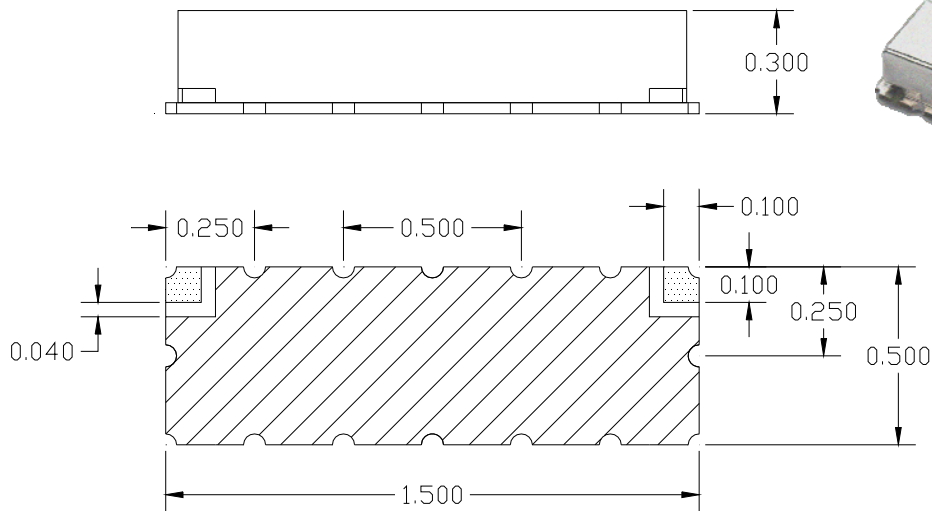
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KR Electronics 2870

Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	30 MHz
Insertion Loss	< 3 dB
3 dB Bandwidth	5 MHz min (6 MHz typical)
Attenuation at 24 MHz	> 55 dB (> 60 dB typical)
Attenuation at 36 MHz	> 55 dB (> 60 dB typical)
Source and Load	50 Ω

Physical Dimensions



Notes:

1. Surface mount package
2. Dimensions in inches
3. Max reflow temperature 209° C for 10 sec
4. If boards are cleaned after installation units must be completely dried