

KR Electronics

General Description

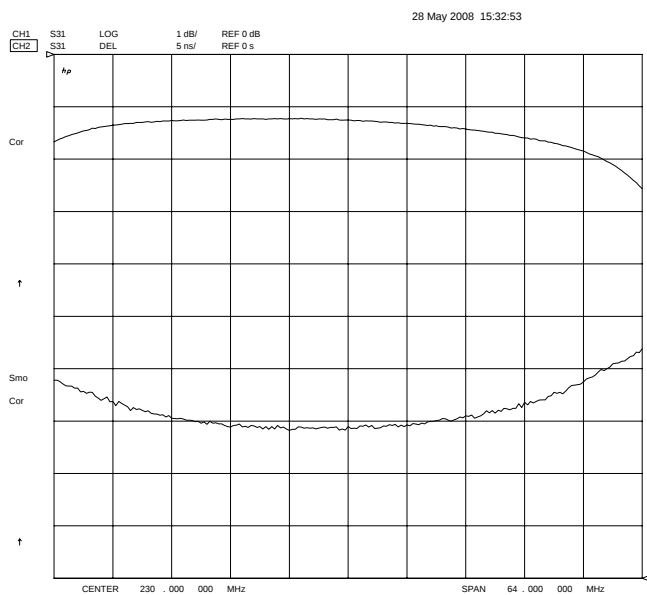
KR 2836 is a 230 MHz surface mount bandpass filter. The filter has a minimum 3 dB bandwidth of 64 MHz. Other passband frequencies are available. Please consult the factory.

Features

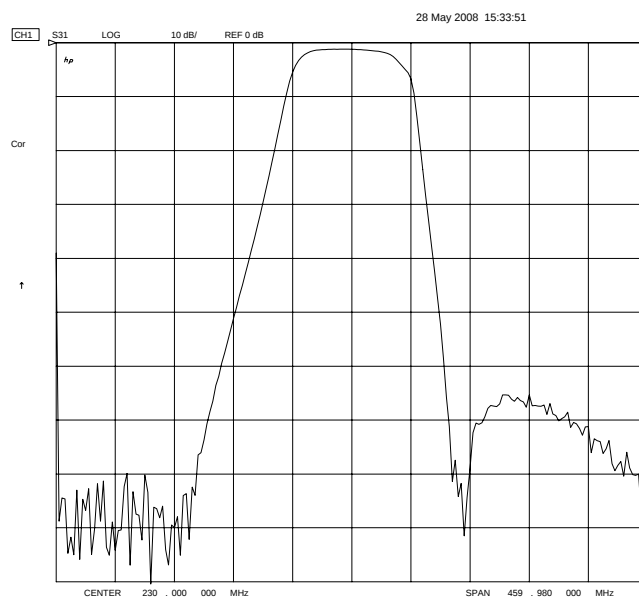
- 230 MHz Center Frequency
- Surface Mount Package
- 50 Ω Source and Load

Typical Performance

Passband Amplitude & Group Delay (1 dB/div and 5 nsec/div)



Overall Response (10 dB/div)



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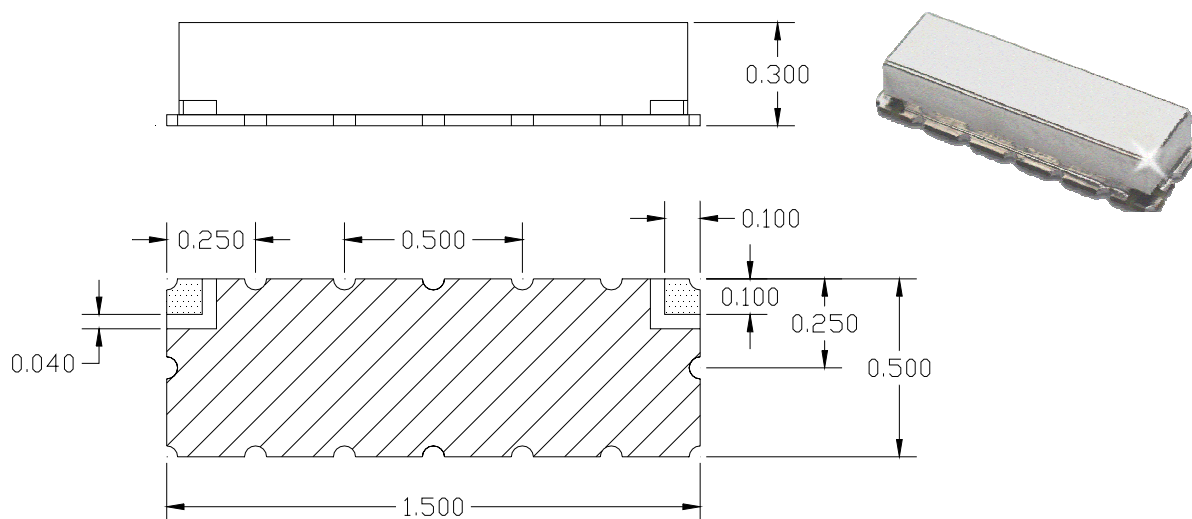
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KR Electronics 2836

Specifications

Parameter	Specification	
Filter type	Bandpass	
Center Frequency	230 MHz	
Insertion Loss	< 2 dB	
3 dB Bandwidth	64 MHz min	Typical 83 MHz
Attenuation at 130 MHz	45 dB min	Typical 55 dB
Attenuation at 300 MHz	45 dB min	Typical 55 dB
Source and Load	50 Ω	

Physical Dimensions



Notes:

1. Surface mount package — Metal cover, open frame
2. Dimensions in inches
3. Maximum reflow temperature 209° C for 10 seconds maximum
4. If boards are cleaned after installation, units must be completely dried