

KR Electronics

General Description

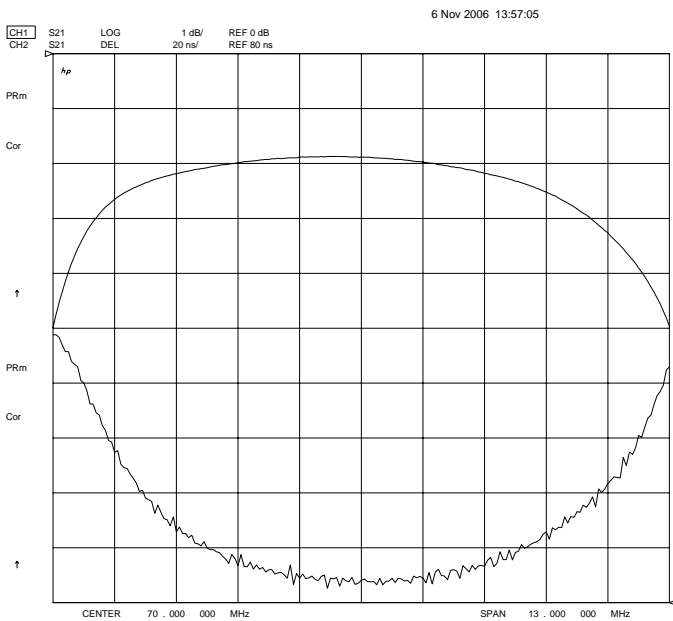
KR 2389-1 is a 70 MHz bandpass filter. The filter has a minimum 1 dB bandwidth of 8 MHz and stopband attenuation of over 55 dB. Other frequencies are available. Please consult the factory.

Features

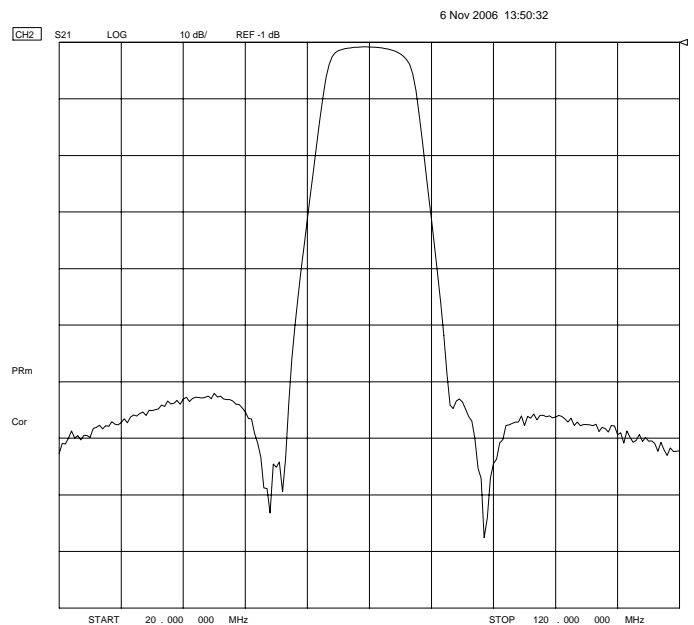
- 70 MHz Bandpass
- 8 MHz min 1 dB Bandwidth
- Surface Mount
- 50 Ω Source and Load

Typical Performance

Passband Amplitude & Group Delay
(1 dB/div & 10 nsec/div)



Overall Response
(10 dB/div)



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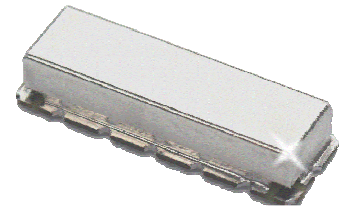
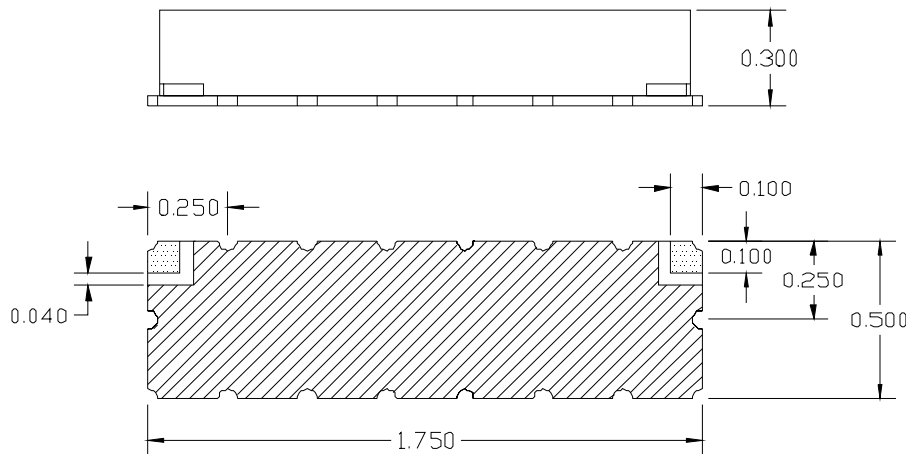
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KR Electronics 2389-1 Bandpass

Specifications

Parameter	Specification	Typical
Filter type	Bandpass	
Center Frequency	70 MHz	
Insertion Loss	< 4 dB	2 dB
1 dB Bandwidth	8 MHz min	10.2 MHz
Attenuation at 57 MHz	> 55 dB	
Attenuation at 83 MHz	> 55 dB	
Source and Load	50 Ω	

Physical Dimensions



Notes:

1. Surface mount package — Metal cover
2. Also available in a 1.5 inch long surface mount package
3. Dimensions in inches
4. Maximum reflow temperature 209° C for 10 sec max
5. If boards are cleaned after installation, units must be completely dried