

KR Electronics

General Description

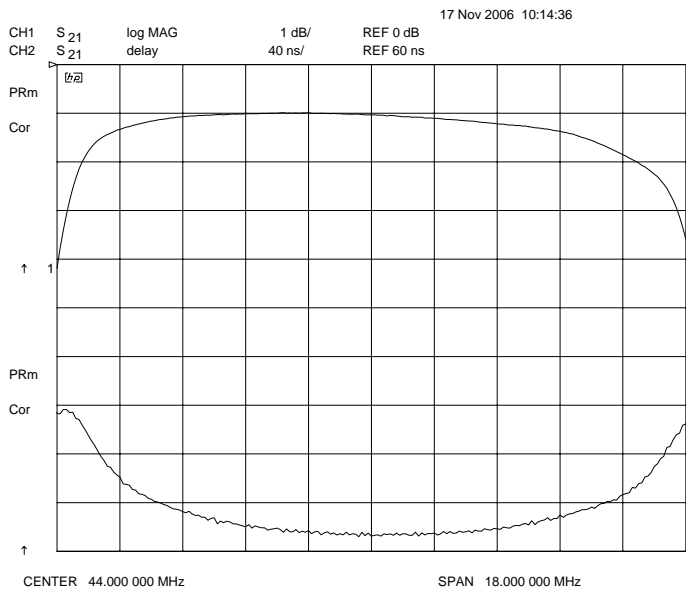
KR 2742 is a 44 MHz bandpass filter. The filter has a minimum 3 dB bandwidth of 15 MHz (18 MHz typical). Other passband frequencies are available. Please consult the factory.

Features

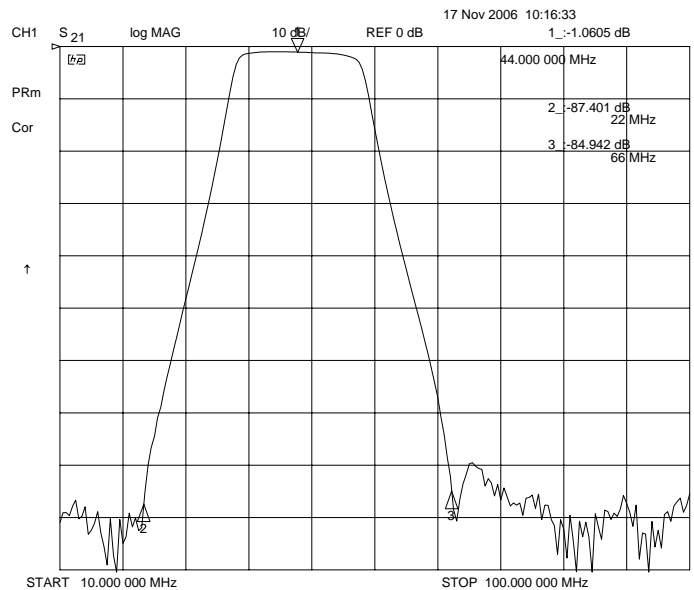
- 44 MHz Center Frequency
- Sharp Transition to Stopband
- High Stopband Attenuation
- 50 Ω Source and Load

Typical Performance

Passband Amplitude & Group Delay
(1 dB/div and 40 nsec/div)



Overall Response
(10 dB/div)



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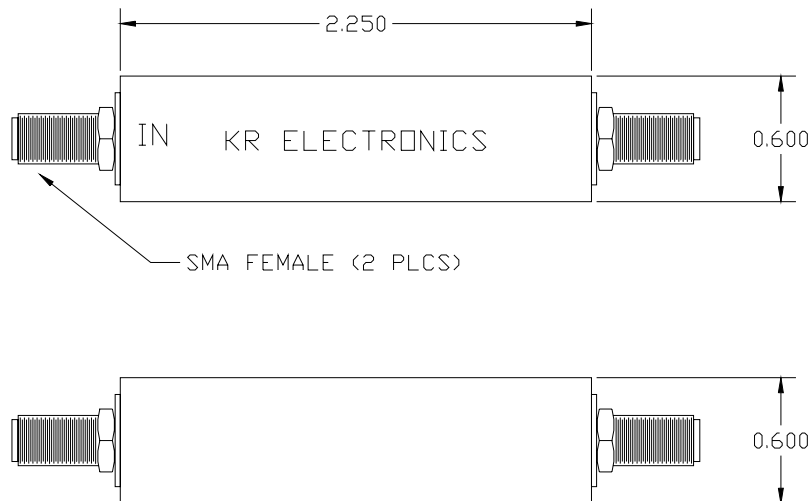
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KR Electronics 2742

Specifications

Parameter	Specification	
Filter type	Bandpass	
Center Frequency	44 MHz	
Insertion Loss	< 2.1 dB	1.2 dB typical
3 dB Bandwidth	15 MHz min	18 MHz typical
Attenuation at 22 MHz	> 60 dB	> 70 dB typical
Attenuation at 66 MHz	> 54 dB	> 70 dB typical
Source and Load	50 Ω	

Physical Dimensions



Notes:

1. Dimensions in inches
2. Also available in a surface mount package