

KR Electronics

General Description

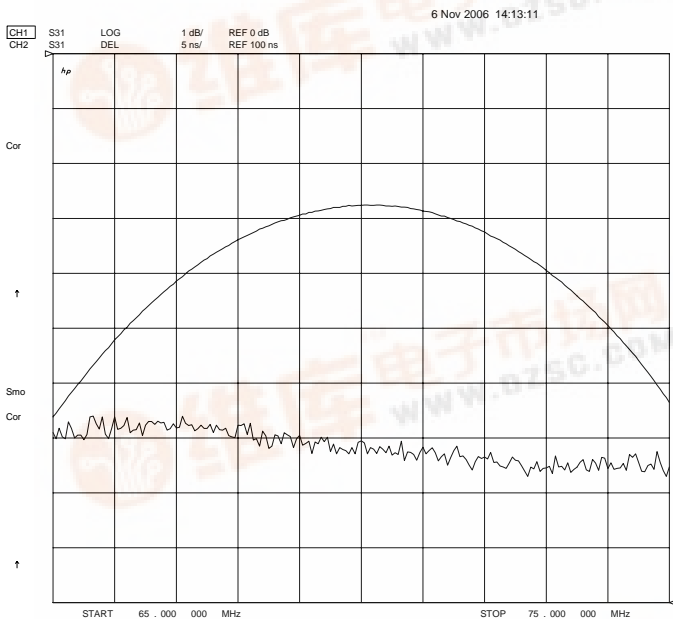
KR 2494-1 is a 70 MHz linear phase bandpass filter. The filter has a 1 dB bandwidth of 9.2 MHz. The filter exhibits linear phase/constant group delay over the 3 dB bandwidth. Other frequencies are available. Please consult the factory.

Features

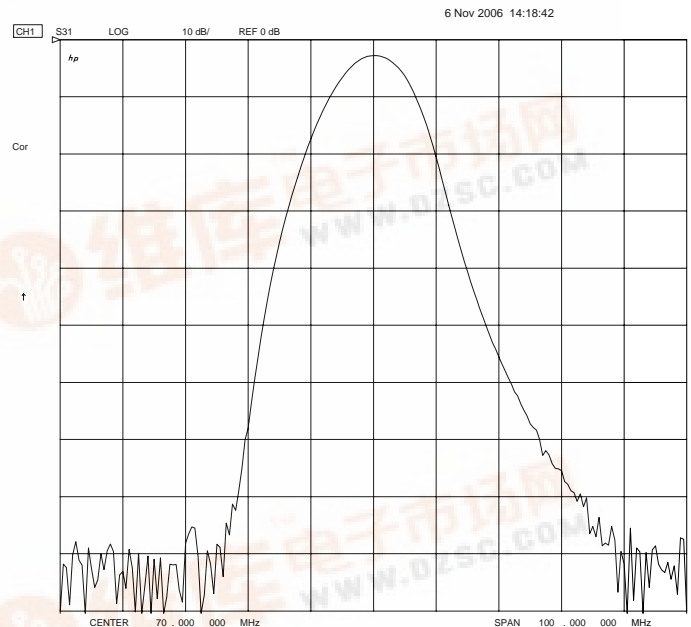
- 70 MHz Bandpass
- Linear Phase/Constant Group Delay
- Surface Mount
- 50 Ω Source and Load

Typical Performance

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



Overall Response
(10 dB/div)



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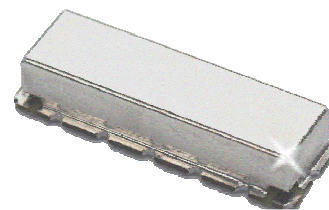
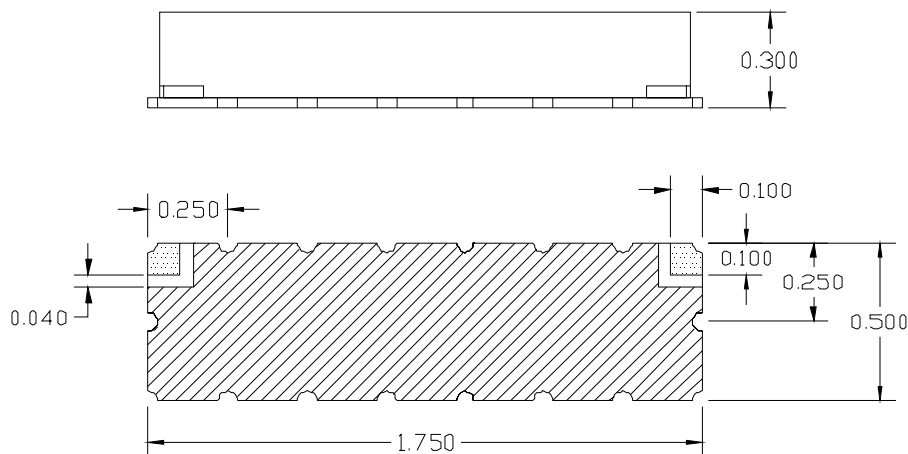


KR Electronics 2494-1 Bandpass

Specifications

Parameter	Specification	Typical
Filter type	Bandpass	
Center Frequency	70 MHz	
Insertion Loss	< 5 dB	3 dB
3 dB Bandwidth	9.2 MHz ± 10%	
Attenuation at 50 MHz	> 60 dB	
Attenuation at 90 MHz	> 50 dB	
Source and Load	50 Ω	

Physical Dimensions



Notes:

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