

KR Electronics

General Description

KR 2750 is a 165 MHz group delay equalized lowpass filter. The filter has a minimum of 50 dB attenuation by 225 MHz . Other passband frequencies are available. Please consult the factory.

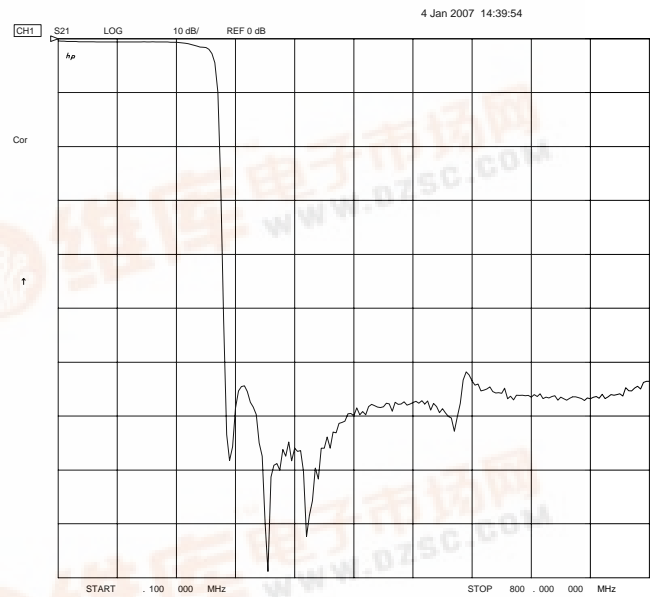
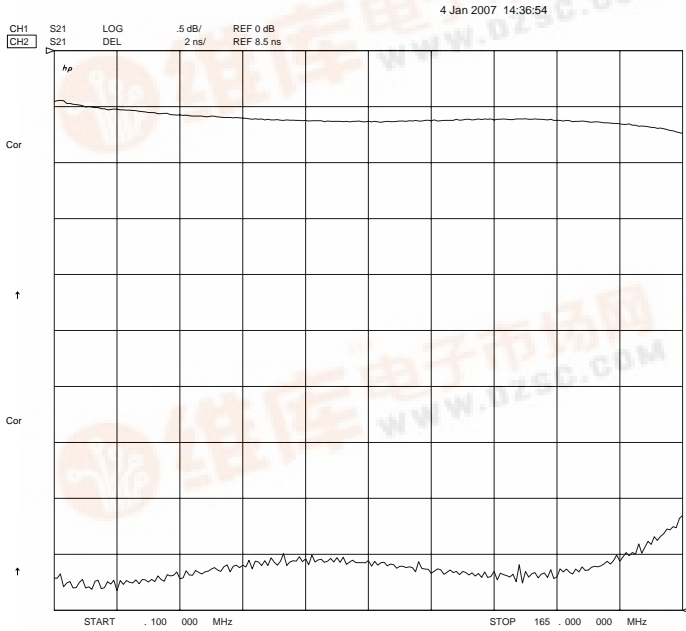
Features

- Sharp Transition to Stopband
- Group Delay Equalized
- >50 dB Stopband
- 50 Ω Source and Load

Typical Performance

Passband Amplitude & Group Delay (0.5 dB/div and 2 nsec/div)

Overall Response (10 dB/div)



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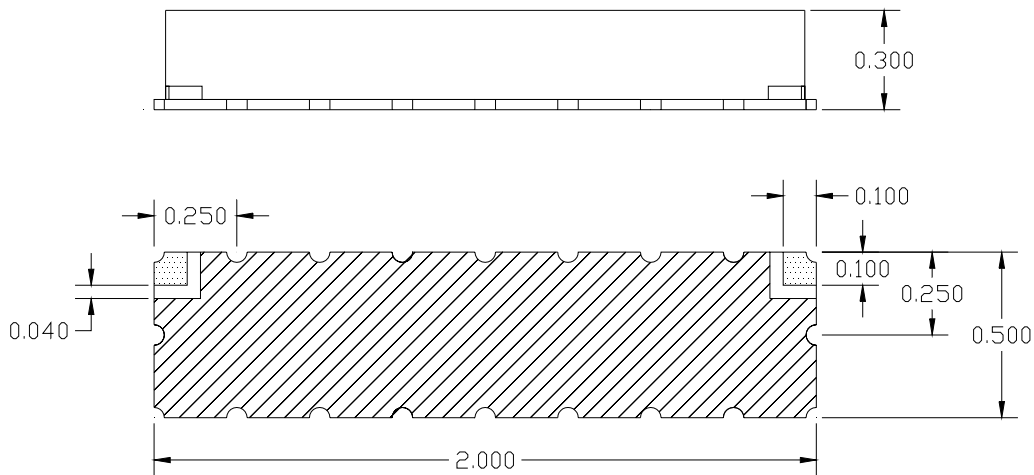


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Specifications

Parameter	Specification
Filter type	Lowpass
Insertion Loss	< 1 dB (0.5 dB typical)
End of Passband	165 MHz
Passband Ripple	< 0.75 dB
Group Delay Ripple	< 5 nsec
Attenuation 225 to 500 MHz	> 50 dB
Attenuation 500 to 800 MHz	> 40 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 is 230° C for 10 sec maximum.
4. If boards are cleaned after installation, units must be completely dried.