

KR Electronics

General Description

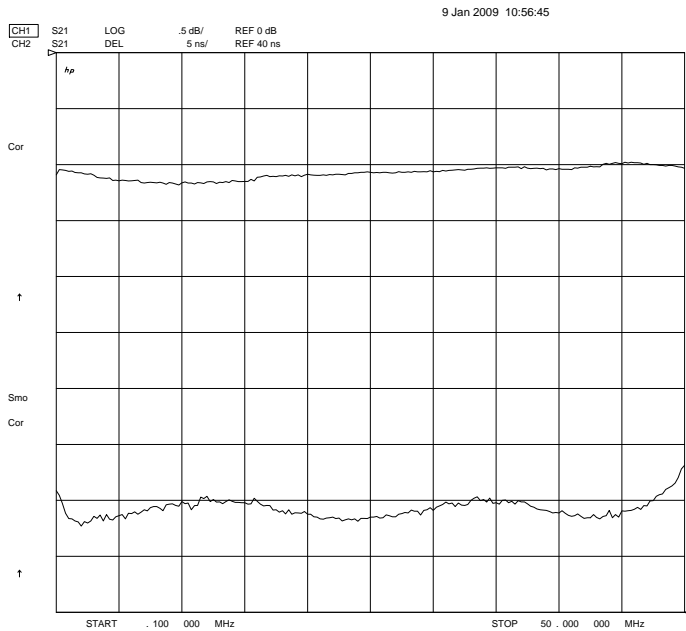
KR 2515-S is a 50 MHz group delay equalized lowpass filter. Other passband frequencies are available. Please consult the factory.

Features

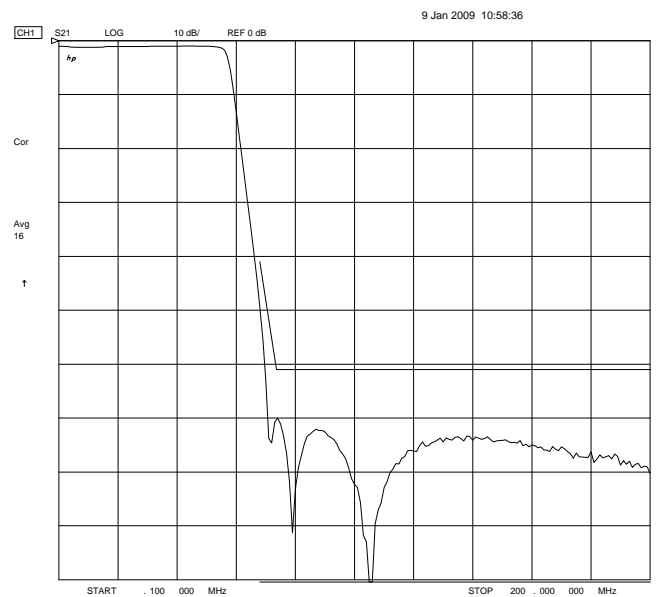
- 50 MHz Passband
- Sharp Transition to Stopband
- Group Delay Equalized
- 50 Ω Source and Load

Typical Performance

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



Overall Response
(10 dB/div)



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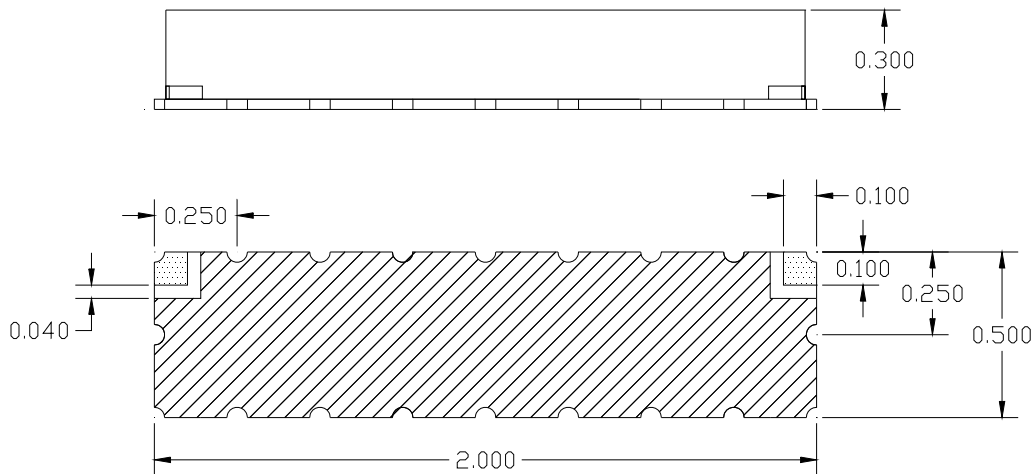
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KR Electronics 2515-S

Specifications

Parameter	Specification
Filter type	Lowpass
Insertion Loss	< 2 dB (1 dB typical)
Passband Ripple to 50 MHz	< 0.25 dB
Group Delay Variation to 44 MHz	< 5 nsec
Group Delay Variation to 50 MHz	< 12 nsec (6 nsec typical)
Attenuation at 68 MHz	> 40 dB
Attenuation at 73.6	> 60 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 209° C for 10 sec maximum.
4. If boards are cleaned after installation, units must be completely dried.