

KR Electronics

General Description

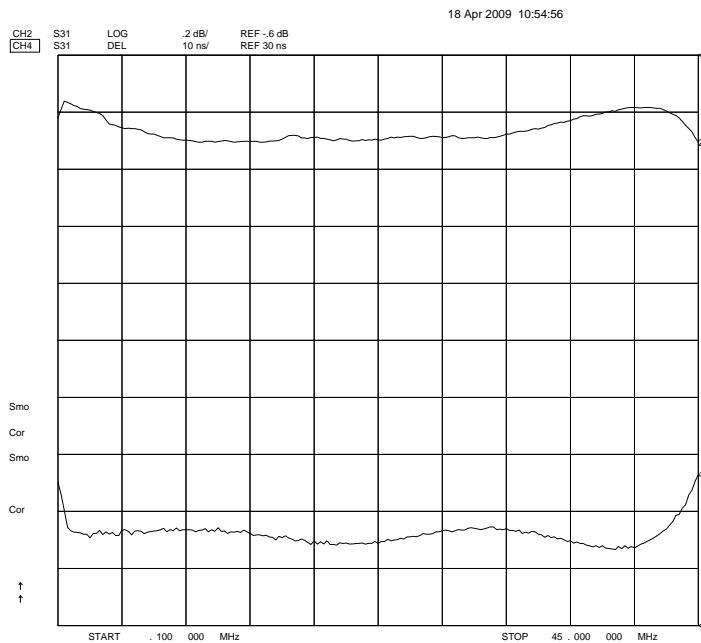
KR 2912 is a 45 MHz lowpass filter. The filter is group delay equalized for linear phase and amplitude equalized. Other pass-band frequencies are available. Please consult the factory.

Features

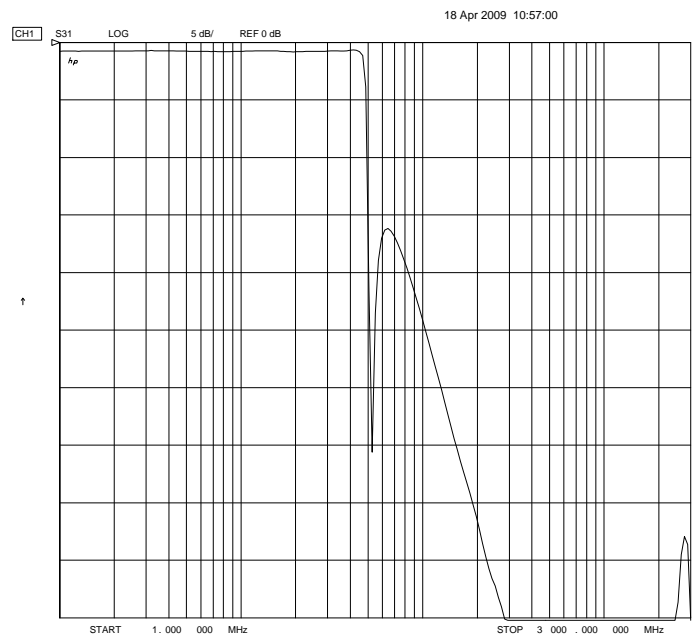
- 45 MHz Cutoff Frequency
- Sharp Elliptic Type Response
- Group Delay Equalized for Linear Phase
- Surface Mount Package
- 50 Ω Source and Load

Typical Performance

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



Overall Response
(5 dB/div)



KR Electronics, Inc.
91 Avenel Street
Avenel, NJ 07001

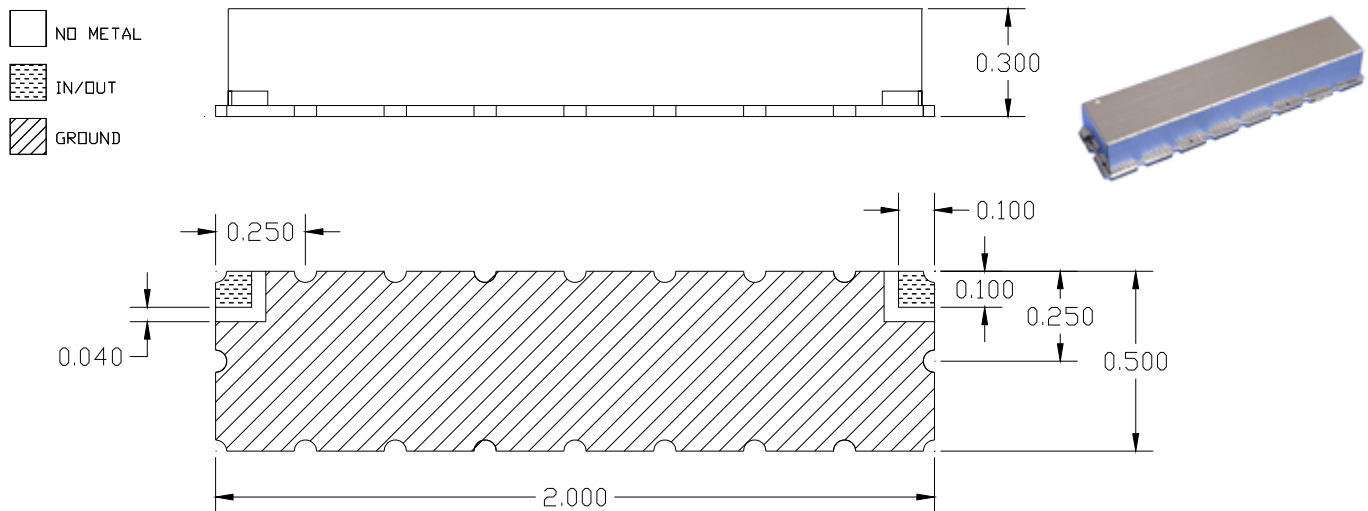
Web www.krfilters.com
Email sales@krfilters.com
Phone (732) 636-1900
Fax (732) 636-1982

KR Electronics 2912

Specifications

Parameter	Specification
Filter type	Lowpass
End of Passband (<0.2 dB)	45 MHz
Attenuation at 50 MHz	> 11 dB
Phase Linearity to 45 MHz	$\pm 5.3^\circ$ max ($\pm 2^\circ$ typical)
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.

KR Electronics, Inc.
91 Avenel Street
Avenel, NJ 07001

Web www.krfilters.com
Email sales@krfilters.com
Phone (732) 636-1900
Fax (732) 636-1982