

KR Electronics

General Description

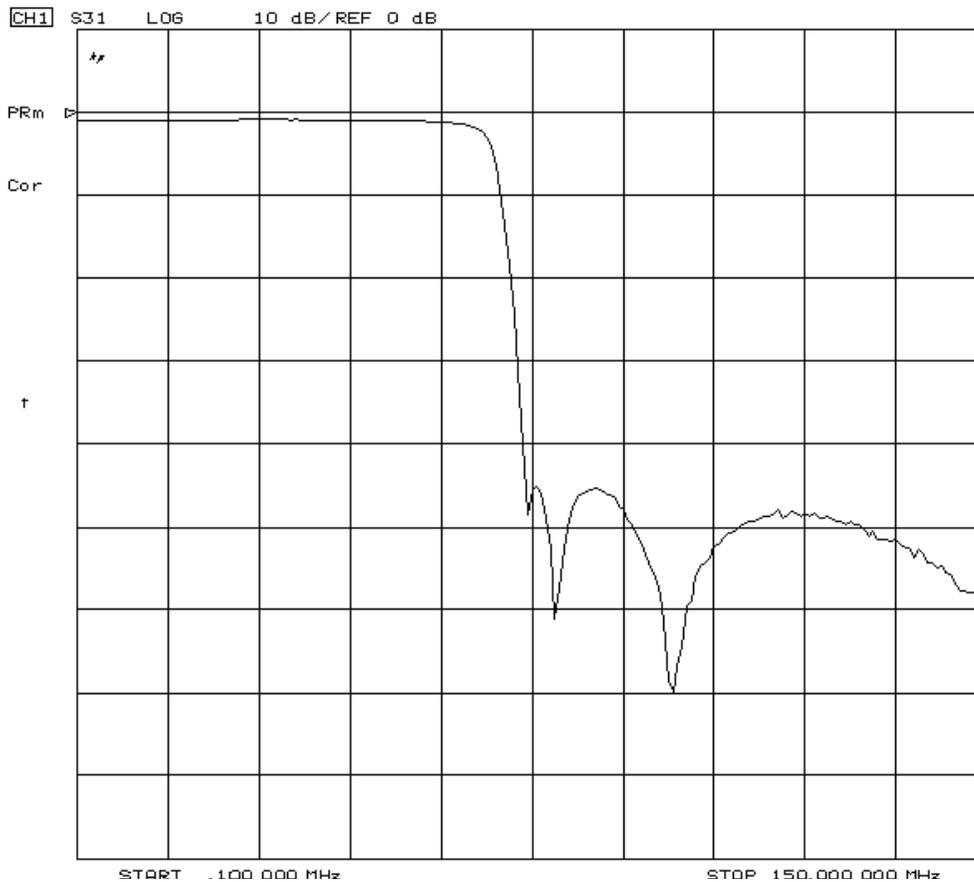
KR Electronics part number 2403-S is a 60 MHz lowpass filter. The filter is group delay and amplitude equalized. Other bandwidths are available. Please consult the factory.

Features

- 60 MHz Lowpass Filter
- Group Delay Equalized
- Amplitude Equalized
- 75 Ω Source and Load
- Surface Mount
- Suitable for HDTV Anti-aliasing

Typical Performance

Overall Response
(10 dB/div)

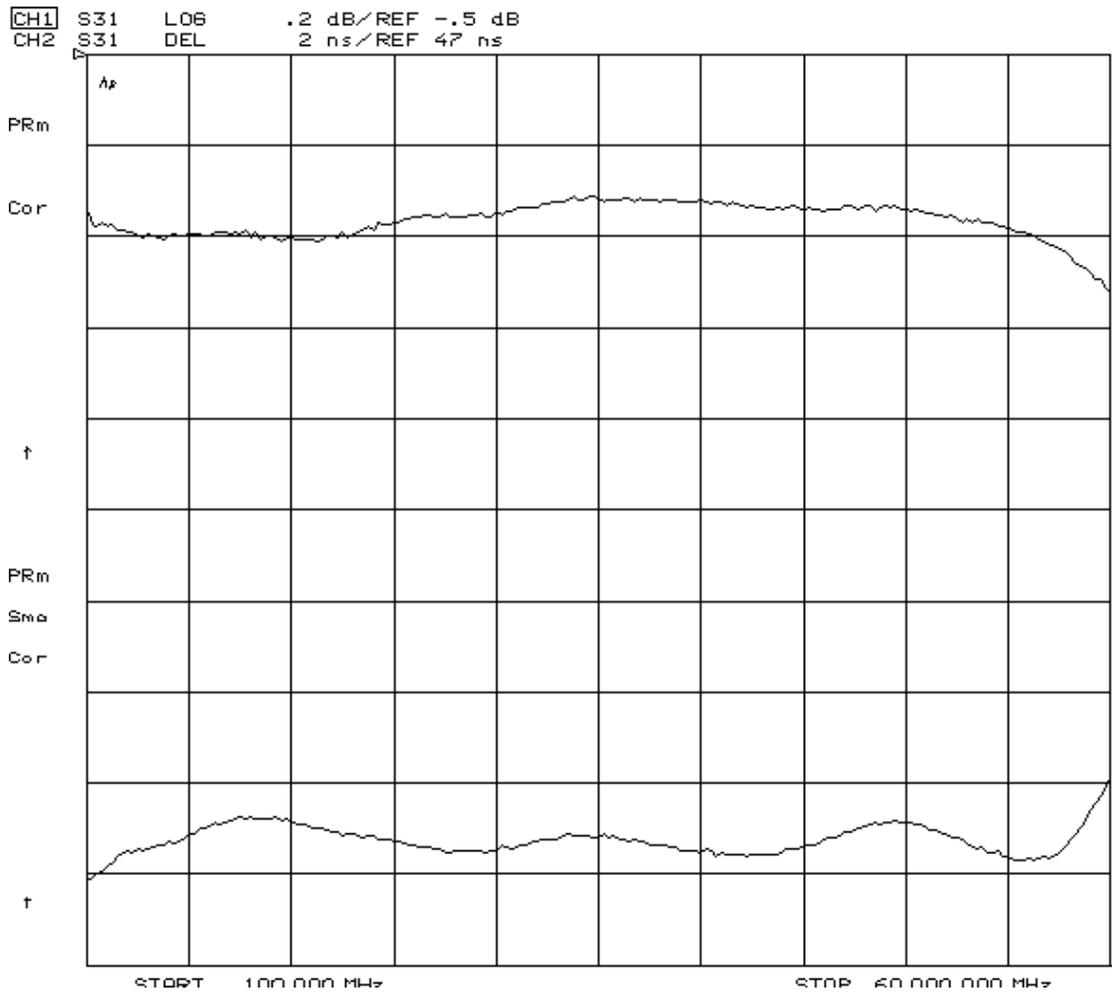


KR Electronics, Inc.
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Phone (732) 636-1900
Fax (732) 636-1982

Typical Performance

Effective Passband Amplitude & Group Delay (0.2 dB/div & 2 nsec/div)

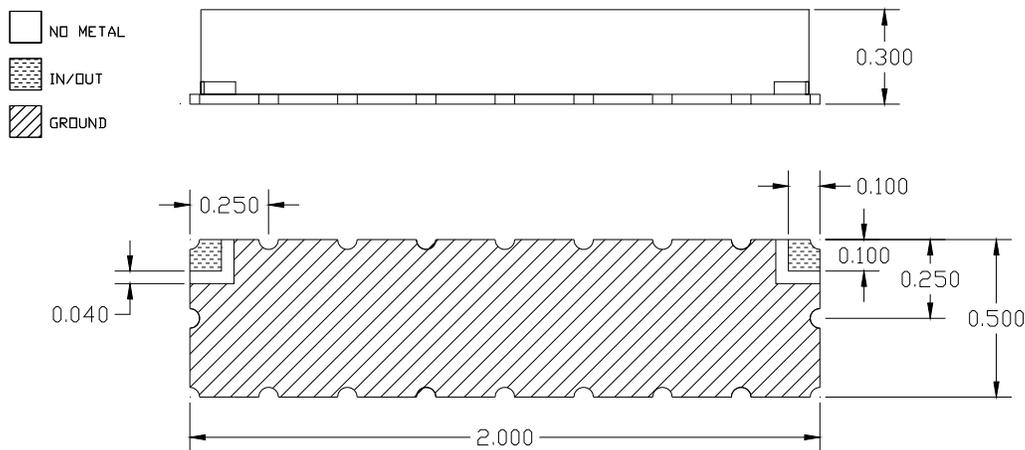


KR Electronics 2403-S

Specifications

Parameter	Specification	Notes
Filter type	Lowpass	
Insertion Loss	1.5 dB max	1 dB typical
Passband Ripple to 40 MHz	±0.1 dB max	
Passband Ripple to 60 MHz	±0.2 dB max	
Group Delay Ripple to 40 MHz	± 1 nsec max	
Group Delay Ripple to 60 MHz	± 1.5 nsec max	
Rejection at 74.25 MHz	40 dB min	
Source and Load	75 Ω	

Physical Dimensions



Notes:

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

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