

# KR Electronics

## General Description

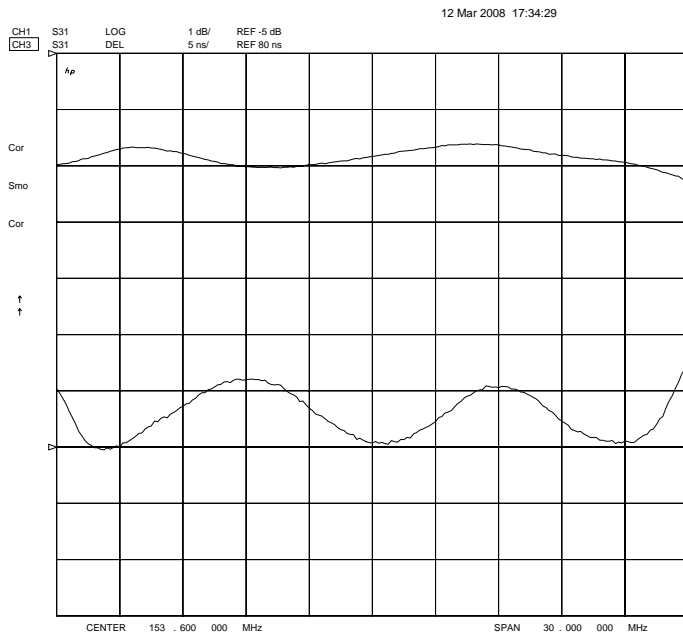
KR 2823-30 is a 153.6 MHz group delay equalized bandpass filter. The filter has a passband from 138.6 MHz to 168.6 MHz. Other passband frequencies are available. Please consult the factory.

## Features

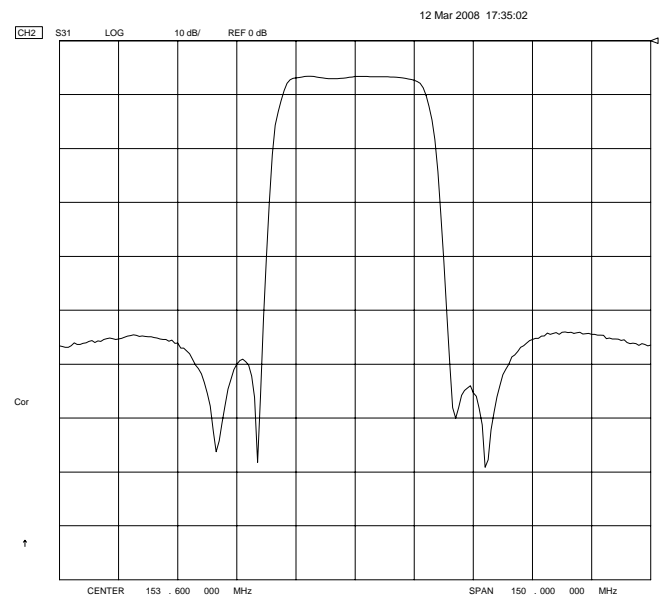
- Sharp Transition to Stopband
- Group Delay Equalized
- >37 dB Stopband
- 50  $\Omega$  Source and Load

## Typical Performance

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



**Overall Response**  
(10 dB/div)



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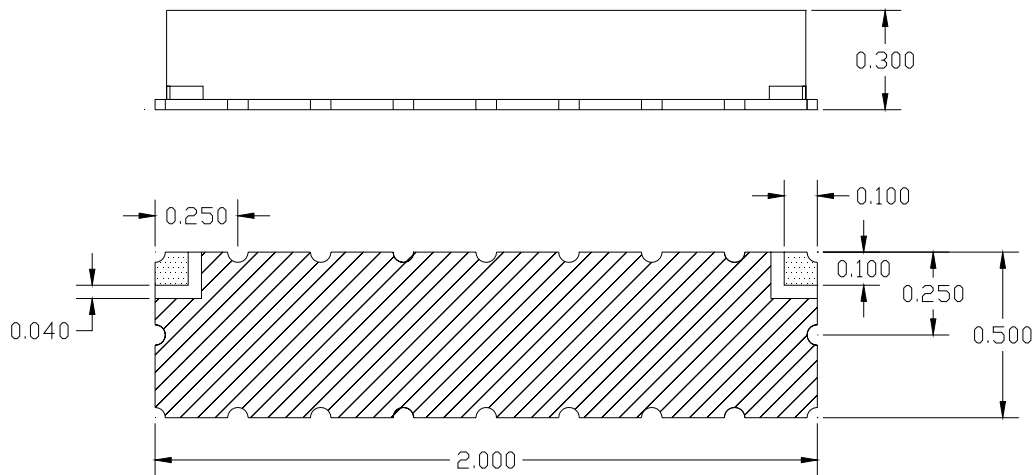
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# KR Electronics 2823-30

## Specifications

Parameter	Specification
Filter type	Bandpass
Insertion Loss	< 10 dB ( 7 dB typical )
Passband	138.6-168.6 MHz
Passband Ripple	< 1.5 dB
Passband Group Delay Ripple	< 15 nsec
Attenuation at 130.2 MHz	> 37 dB
Attenuation at 177.0 MHz	> 37 dB
Source and Load	50 $\Omega$

## 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.