

KR Electronics

General Description

KR 2823-80 is a 153.6 MHz group delay equalized bandpass filter. The filter has a passband from 113.6 MHz to 193.6 MHz. Other passband frequencies are available. Please consult the factory.

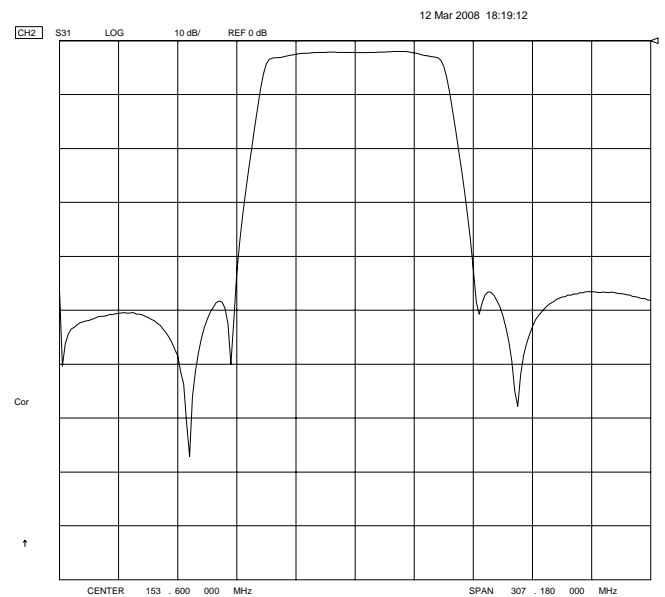
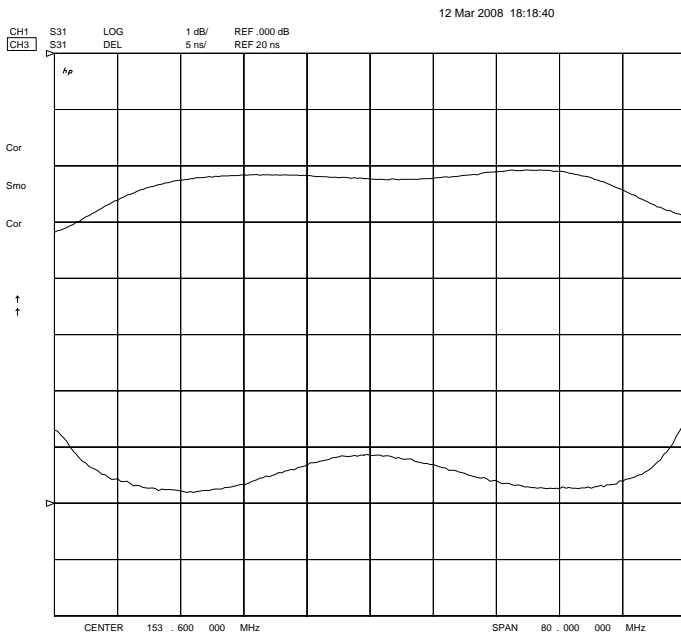
Features

- Sharp Transition to Stopband
- Group Delay Equalized
- >37 dB Stopband
- 50 Ω 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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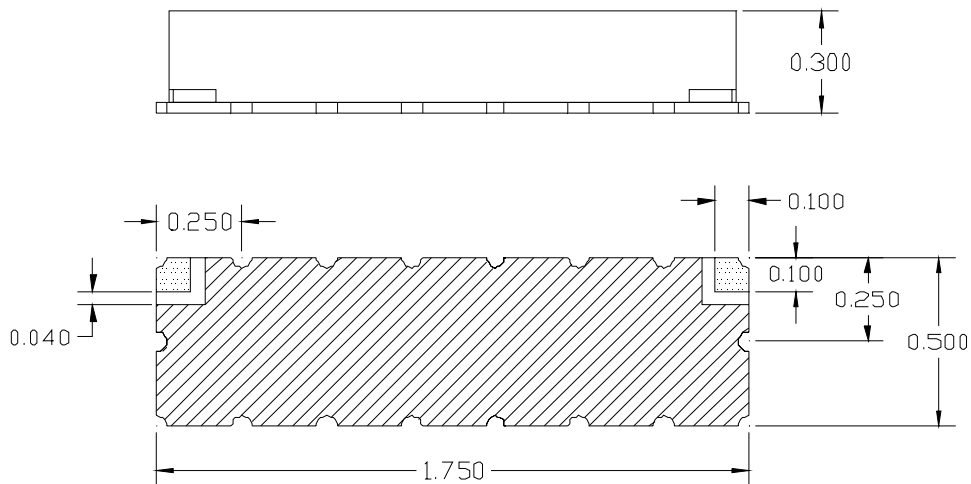
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KR Electronics 2823-80

Specifications

Parameter	Specification
Filter type	Bandpass
Insertion Loss	< 3.5 dB (2.5 dB typical)
Passband	113.6-193.6 MHz
Passband Ripple	< 1.5 dB
Passband Group Delay Ripple	< 15 nsec
Attenuation at 91.2 MHz	> 37 dB
Attenuation at 216 MHz	> 37 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.