

General Description

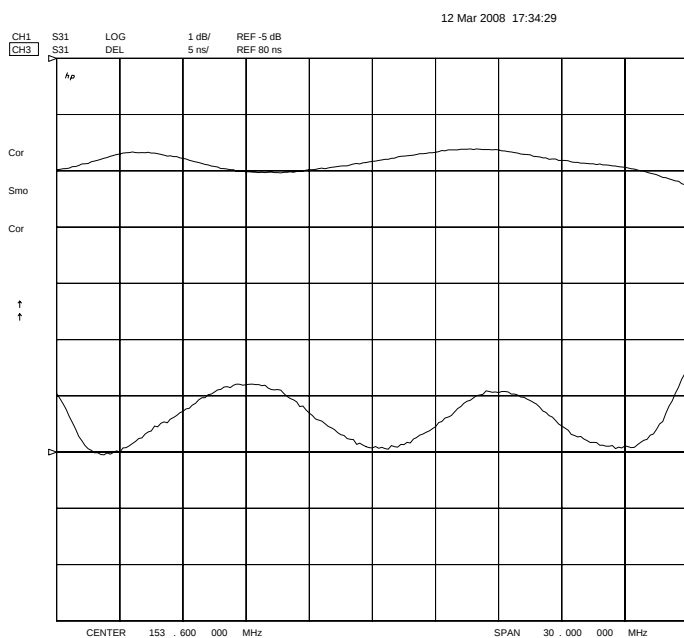
KR 2823-30 is a 153.6 MHz group delay equalized bandpass filter. The filter has a passband from 138.6 MHz to 168.6 MHz. Other passband frequencies are available. Please consult the factory.

Features

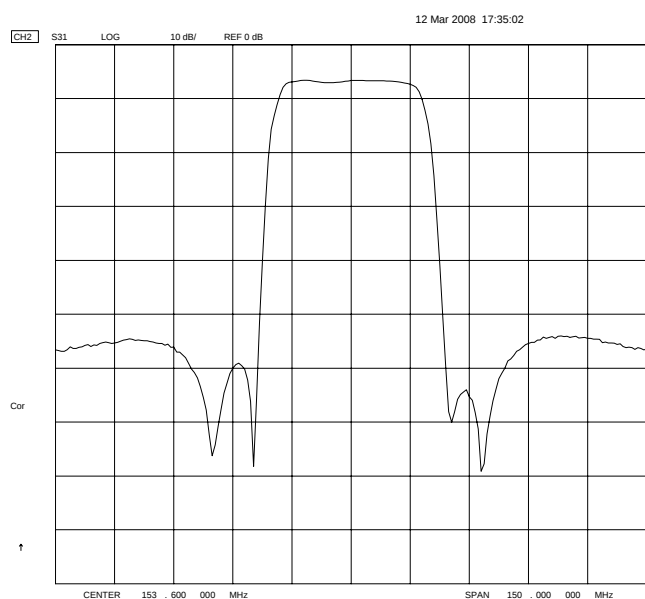
- Sharp Transition to Stopband
- Group Delay Equalized
- >37 dB Stopband
- 50 Ω Source and Load

Typical Performance

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



Overall Response (10 dB/div)

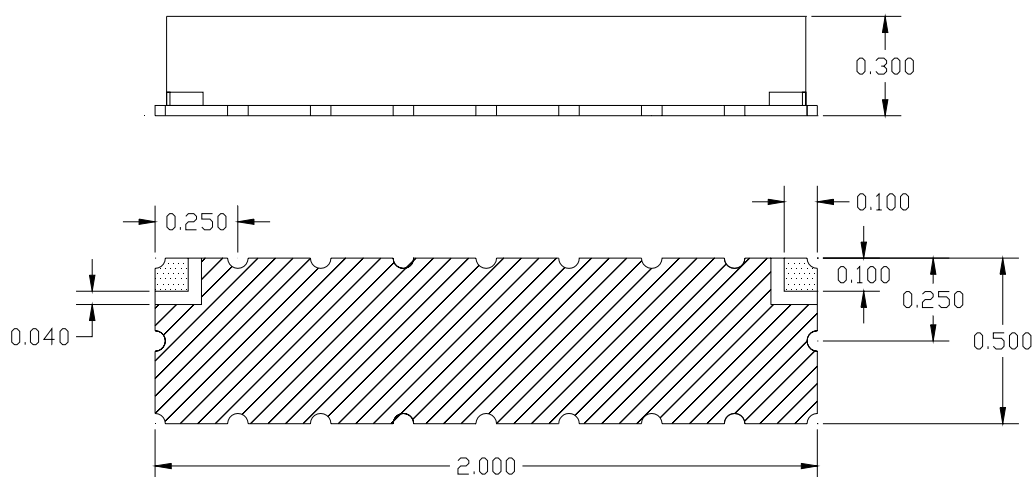


KR Electronics 2823-30

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 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.