

KR Electronics, Inc.

General Description

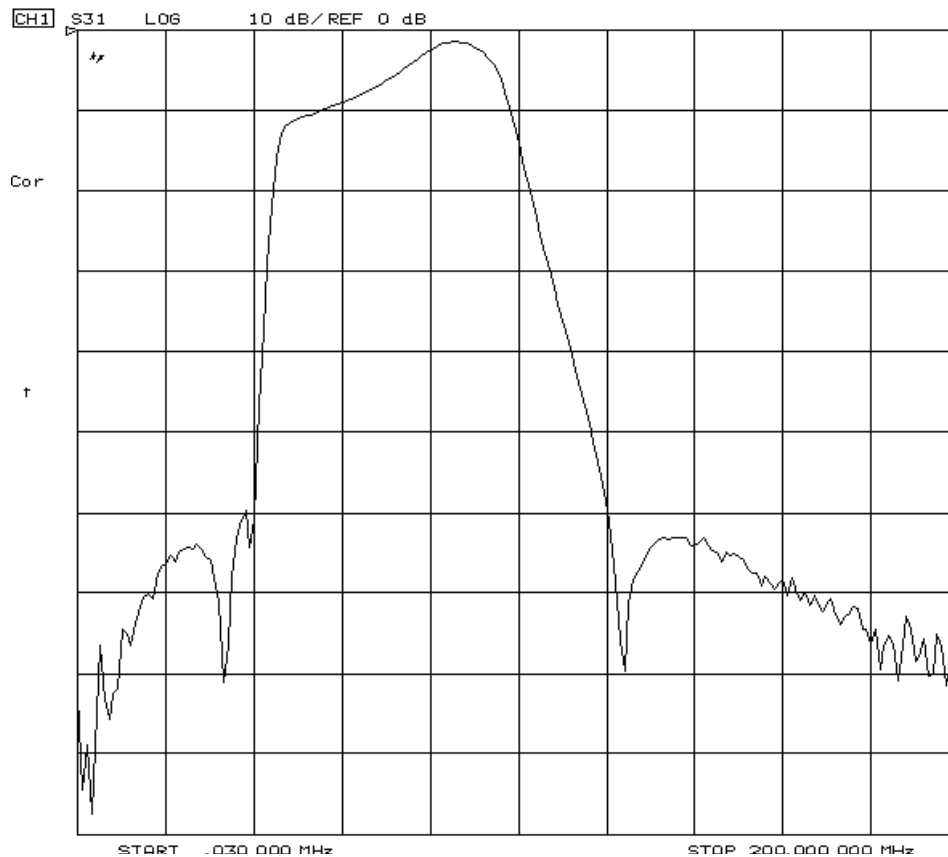
KR Electronics part number 3011 is a 70 MHz bandpass filter. The filter has a passband bandwidth of 20 MHz with $\text{Sin}(x)/x$ correction for a sampling frequency of 100 MHz. Other center frequencies and bandwidths available. Please consult the factory.

Features

- 70 MHz Center Frequency
- Passband 60 MHz to 80 MHz
- $\text{Sin}(x)/x$ Correction
- Sharp Transition to the Stopband
- 50 Ω Source and Load
- SMA Connectors

Typical Performance

Overall Response
(10 dB/div)

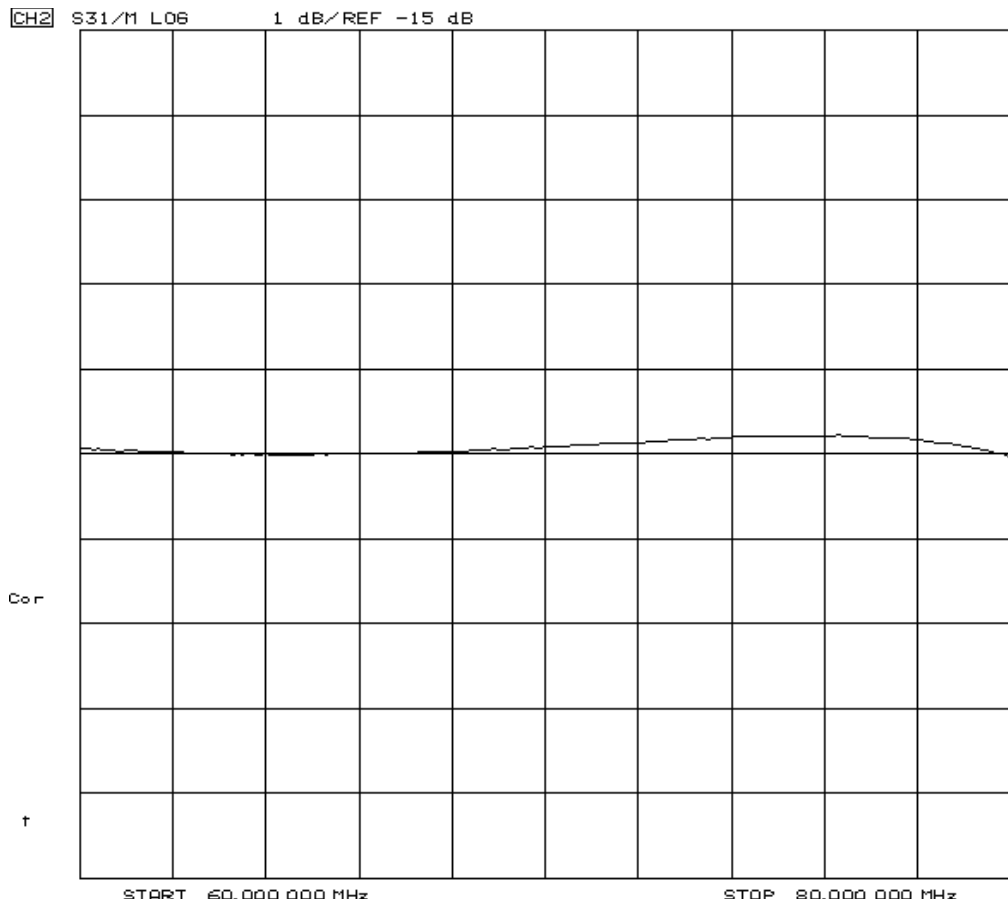


KR Electronics, Inc.
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Avenel, NJ 07001

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Phone (732) 636-1900
Fax (732) 636-1982

Typical Performance

Effective Passband Amplitude— $\text{Sin}(x)/x$ Added (1 dB/div)

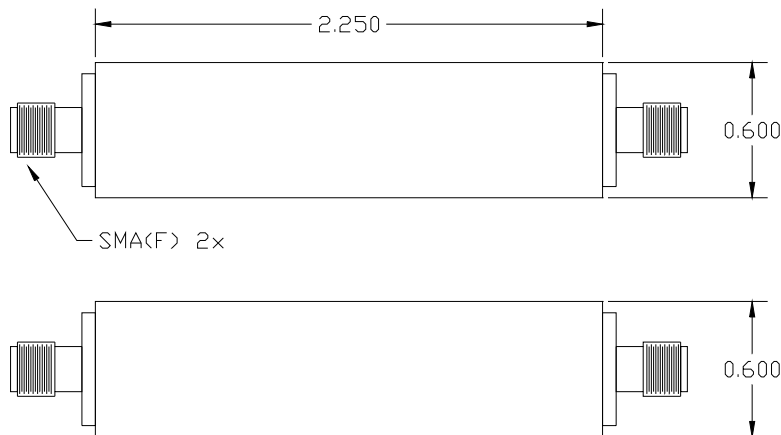


KR Electronics 3011

Specifications

Parameter	Specification	
Filter type	Bandpass	
Passband	60 MHz to 80 MHz	
Insertion Loss at 80 MHz	5 dB max	2.4 dB typical
Sin(x)/x Correction	Yes	Fs=100 MHz
Attenuation at 40 MHz	40 dB min	57 dB typical
Attenuation at 120 MHz	40 dB min	57 dB typical
Source and Load	50 Ω	

Physical Dimensions



Notes:

1. Dimensions in inches
2. Rectangular case

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