

KR Electronics

General Description

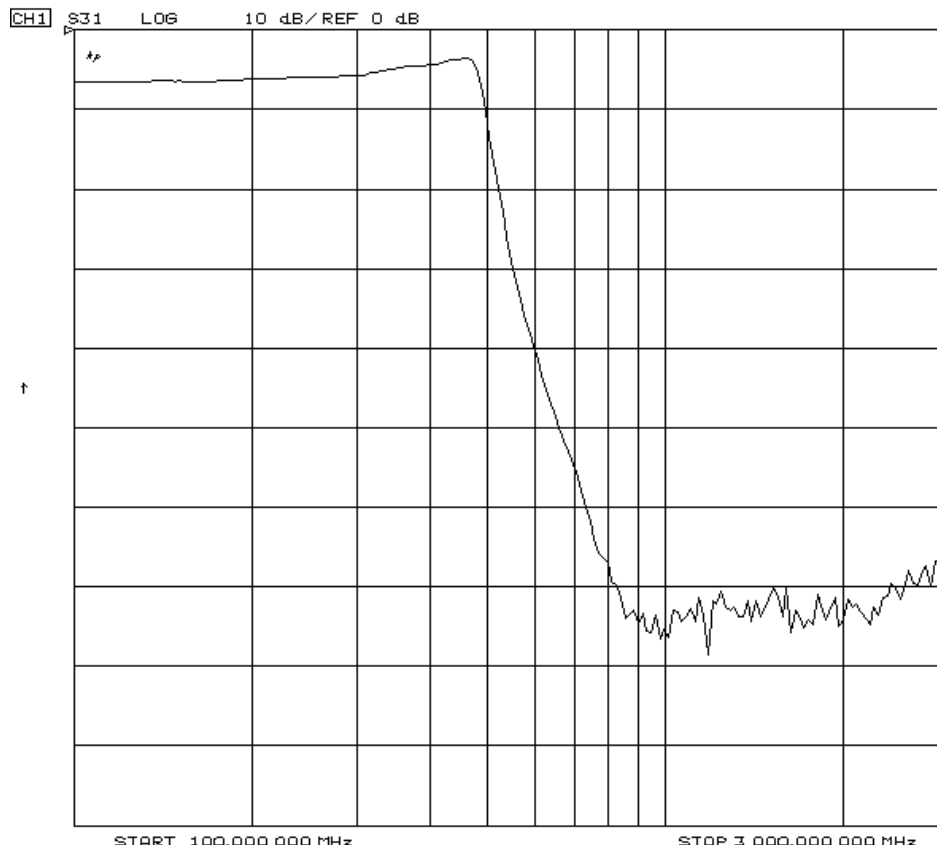
KR Electronics part number 3007-SMA is a 430 MHz lowpass filter. The filter is group delay equalized and has $\sin(x)/x$ correction. Other bandwidths are available. Please consult the factory.

Features

- 430 MHz Lowpass Filter
- Group Delay Equalized
- $\sin(x)/x$ Correction
- 50 Ω Source and Load
- SMA Connectors
- Surface Mount also available

Typical Performance

Overall Response (10 dB/div)

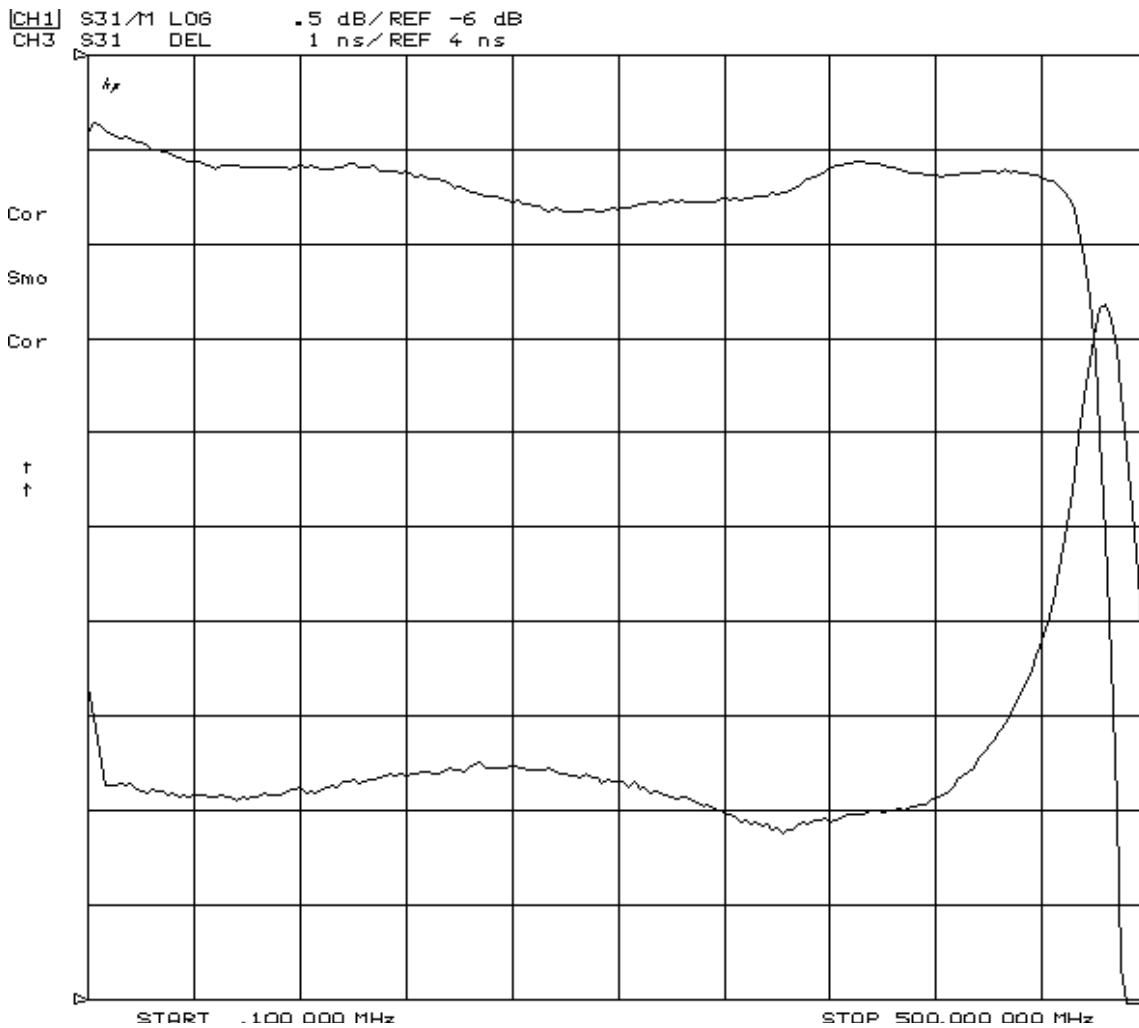


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Phone (732) 636-1900
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Typical Performance

Effective Passband Amplitude & Group Delay (0.5 dB/div & 1nsec/div)

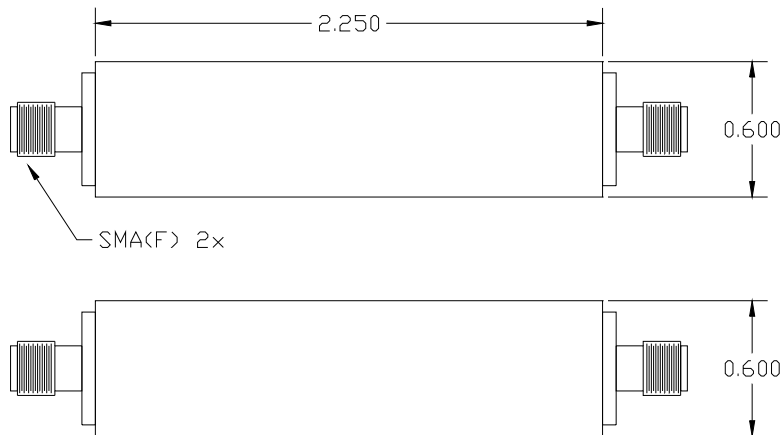


KR Electronics 3007-SMA

Specifications

Parameter	Specification	Notes
Filter type	Lowpass	
End of Passband	430 MHz	
Effective Passband Ripple 270 MHz to 430 MHz	0.5 dB max	With Sin(x)/x correction for 979 MHz sampling frequency
Insertion Loss at 0.1 MHz	7 dB max	
Rejection at 549 MHz (Ref 430 MHz)	20 dB min	
Source and Load	50 Ω	

Physical Dimensions



Notes:

1. Dimensions in inches
2. Rectangular case
3. Also available in surface mount package 0.5" x 1.5" x 0.30"

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