

General Description

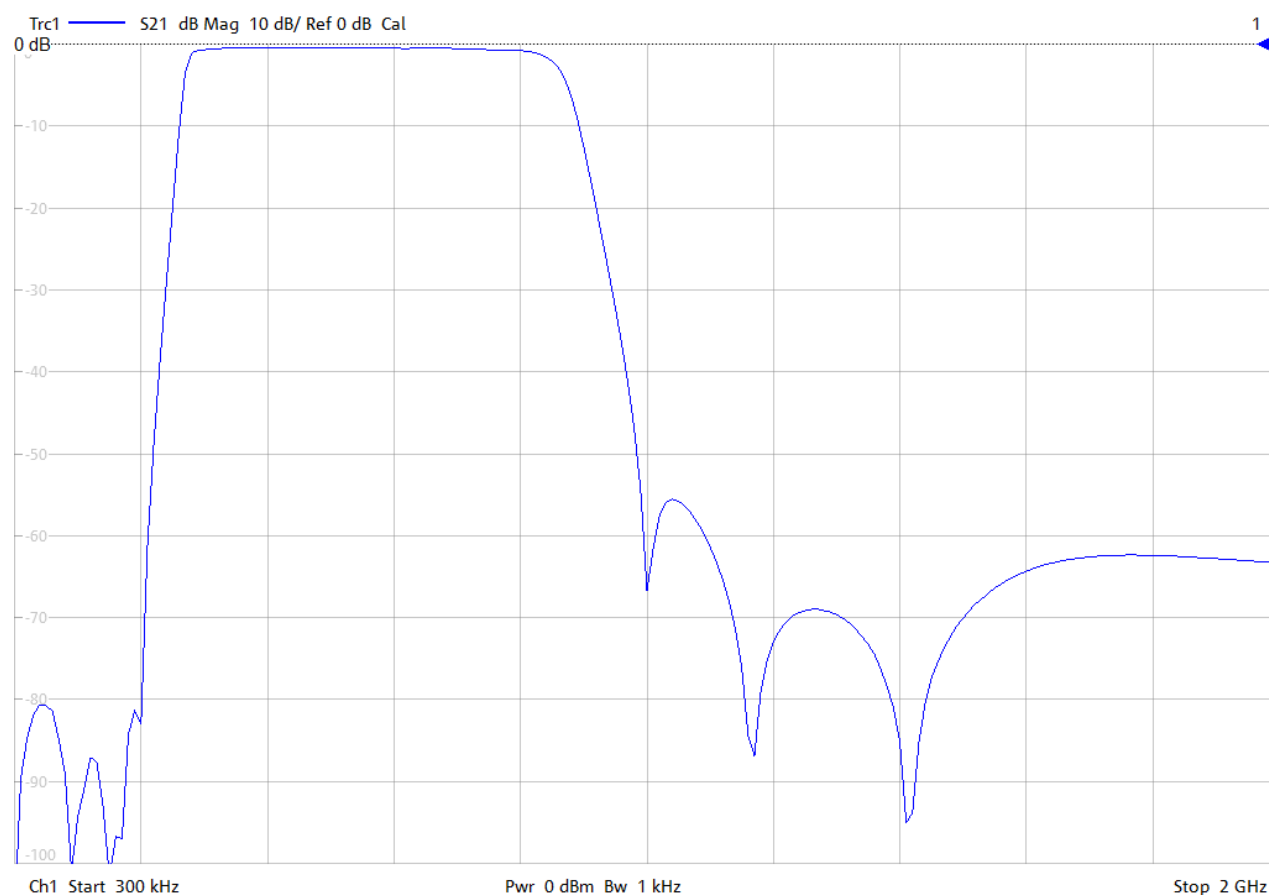
KR Electronics part number 3316-SMA is a 550 MHz bandpass filter. The filter has a min 1 dB bandwidth of 500 MHz. Other center frequencies are available. Please consult the factory.

Features

- 550 MHz Bandpass Filter
- 500 MHz minimum 1 dB Bandwidth
- 766 MHz typical 50 dB Bandwidth
- Selective Elliptic Type Filter
- 50 Ω Source and Load
- SMA Connectors
- Surface Mount also available

Typical Performance

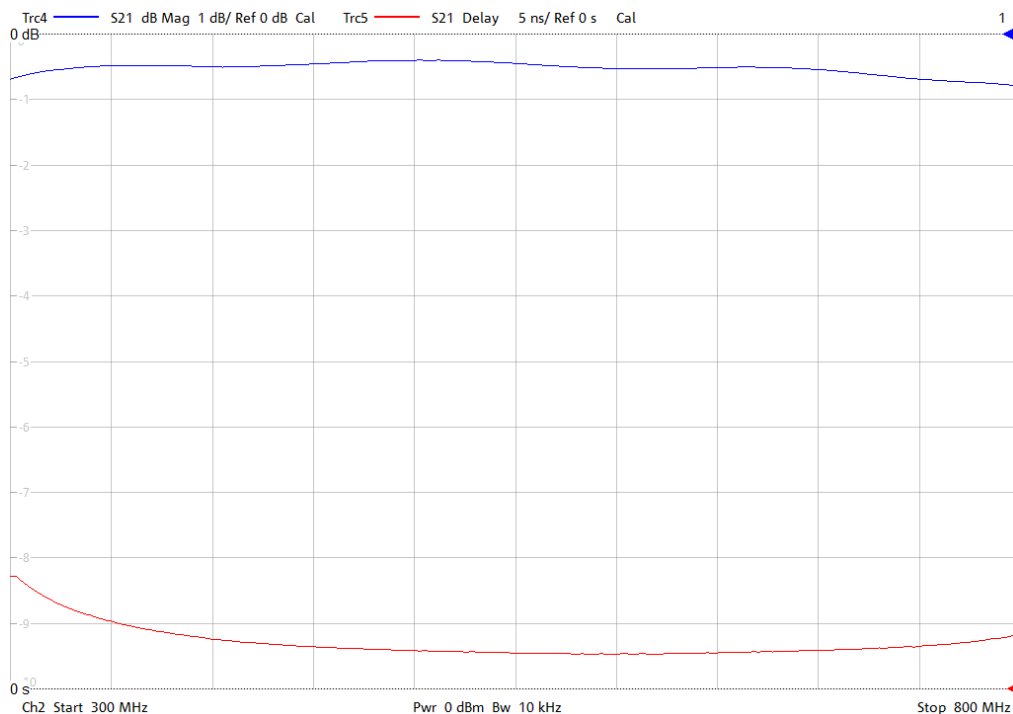
Overall Response
(10 dB/div)



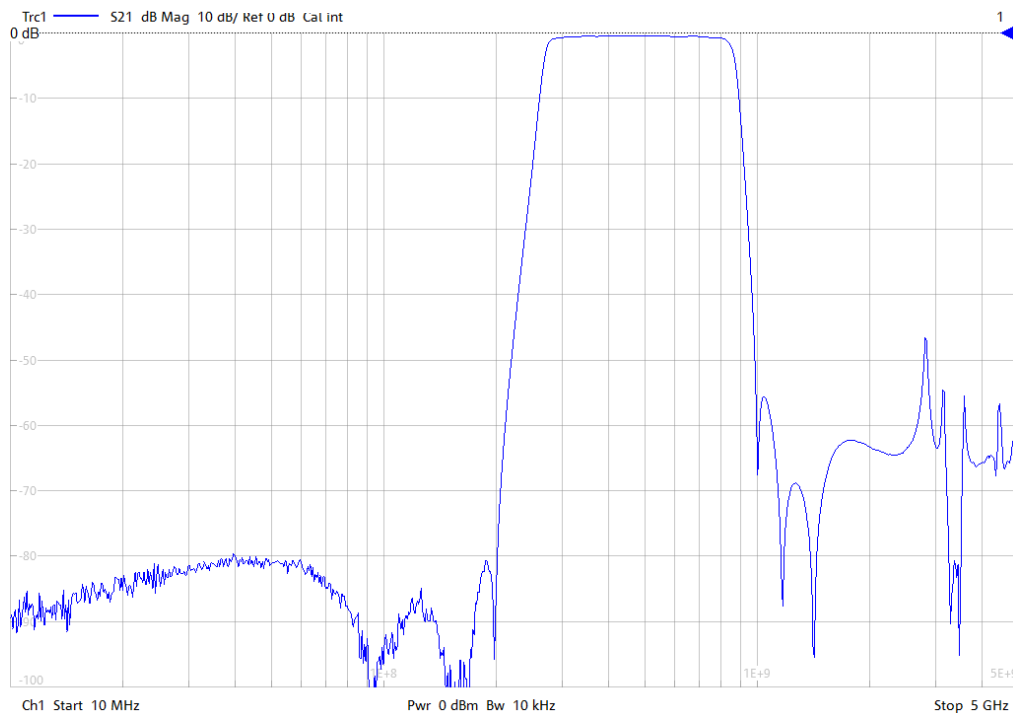
KR Electronics, Inc.
91 Avenel Street
Avenel, NJ 07001

Web: www.krfilters.com
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Passband Amplitude & Group Delay (1 dB/div & 5 nsec/div)



Overall Response (10 dB/div)



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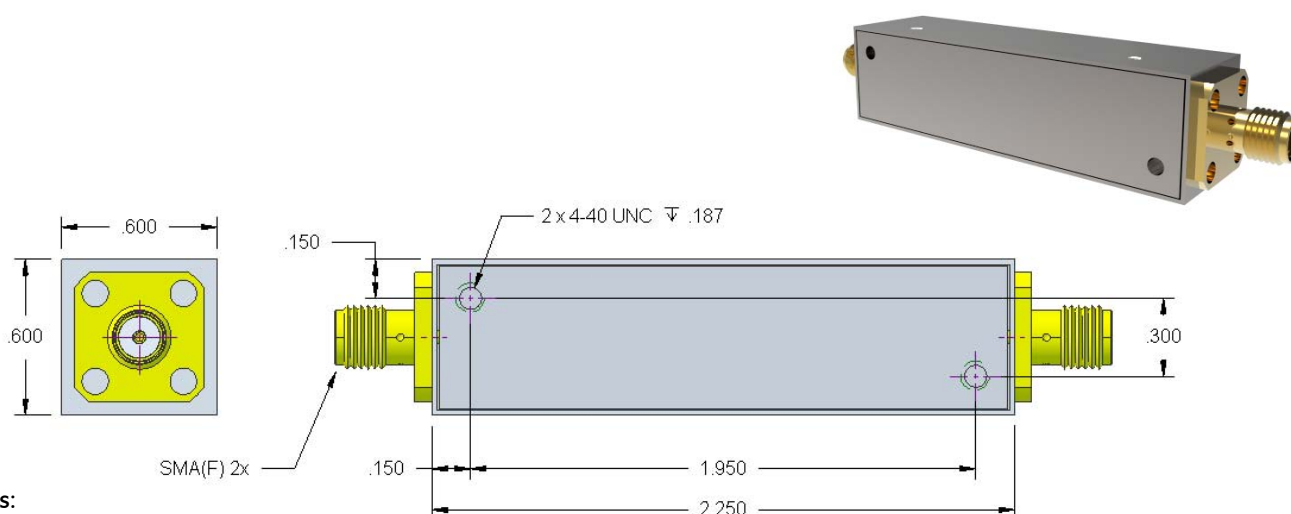
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KR Electronics 3316-SMA

Specifications

Parameter	Specification	
Filter type	Bandpass	
Center Frequency (Fc)	550 MHz	
Insertion Loss at Fc	1 dBa max	0.5 dBa typical
1 dB Bandwidth	500 MHz min	550 MHz typical
3 dB Bandwidth	593 MHz typical	
40 dB Bandwidth	740 MHz typical	
50 dB Bandwidth	766 MHz typical	
Rejection at 200 MHz & below	60 dB min	
Rejection 1000 to 2000 MHz	40 dB min	
Source and Load	50 Ω	

Physical Dimensions



Notes:

1. Dimensions in inches
2. Rectangular case
3. Surface mount package also available

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