KR Electronics, Inc.

General Description

KR Electronics part number 3268-100-SMA is a group delay equalized 187.5 MHz Bandpass filter. The filter has a min 1 dB bandwidth of 100 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

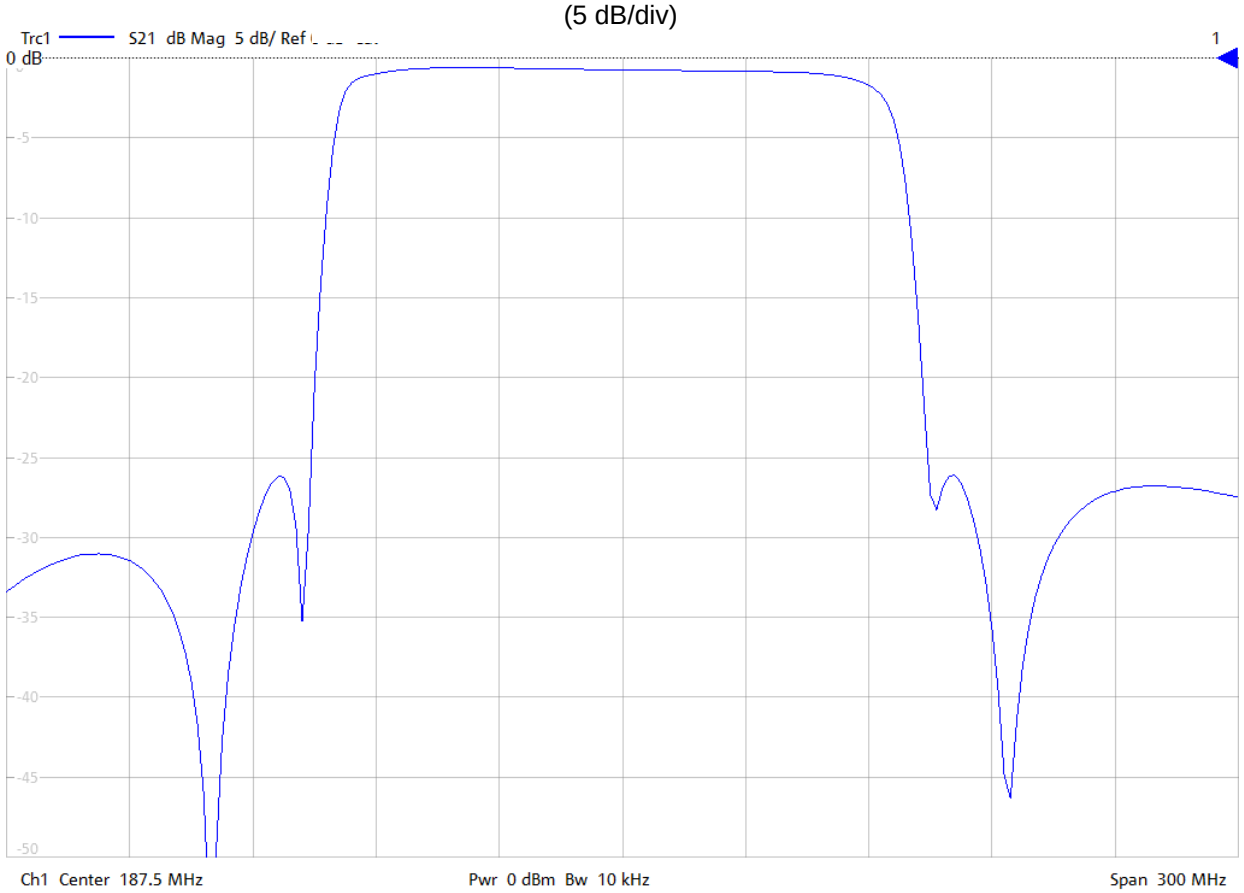
Features

- 187.5 MHz Bandpass Filter
- Group Delay Equalized
- 1 dB Bandwidth 100 MHz min
- Selective Elliptic Type Design
- 50 Ω Source and Load
- Other frequencies available
- SMA Connectors
- Surface Mount also available

Typical Performance

Overall Response

(5 dB/div)



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

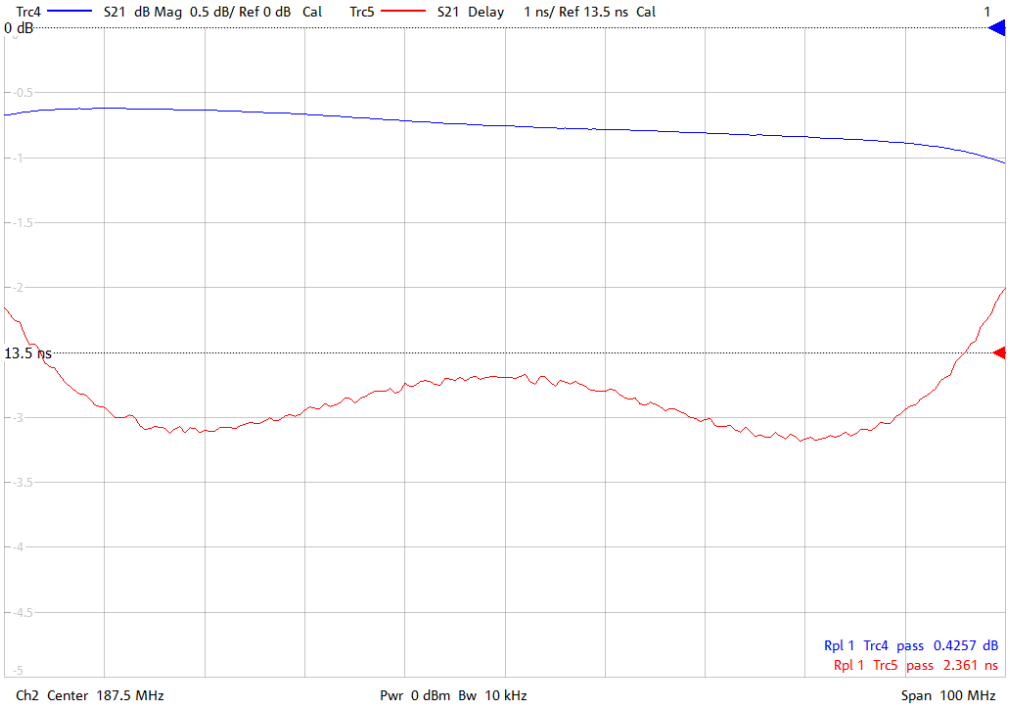
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KR Electronics 3268-100-SMA

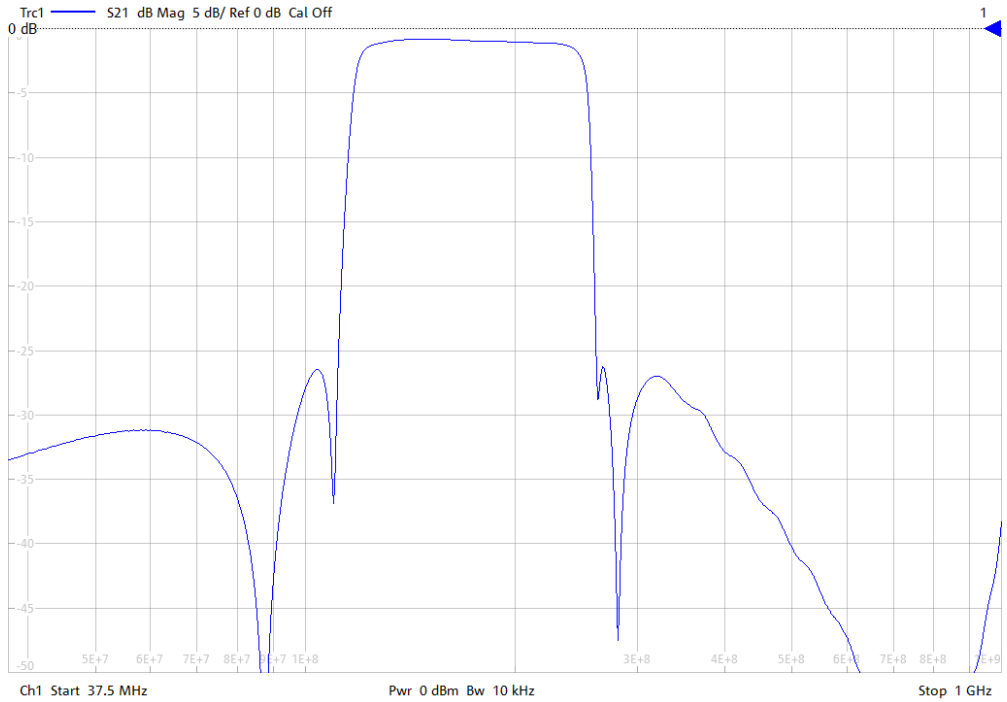
Passband Amplitude & Group Delay

(0.5 dB/div & 1 nsec/div)



Overall Response

(5 dB/div)



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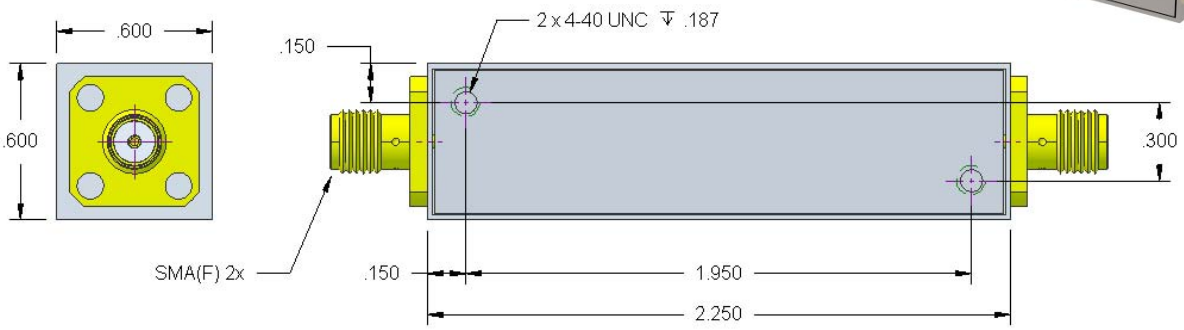
KR Electronics 3268-100-SMA

Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	187.5 MHz	
Insertion Loss at Fc	2 dBa max	1 dBa typical
1 dBc Bandwidth	100 MHz min	126 MHz typical
3 dBc Bandwidth	135 MHz typical	
15 dBc Bandwidth	150 MHz max	146 MHz typical
20 dBc Bandwidth	148 MHz typical	
Group Delay Variation 137.5-237.5 MHz	4 nsec max	2 nsec typical
Source and Load	50 Ω	

Physical Dimensions





Notes:
1. Dimensions in inches
2. Metal Case
3. SMA(F) Connectors
4. Also available in a surface mount package

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