

General Description

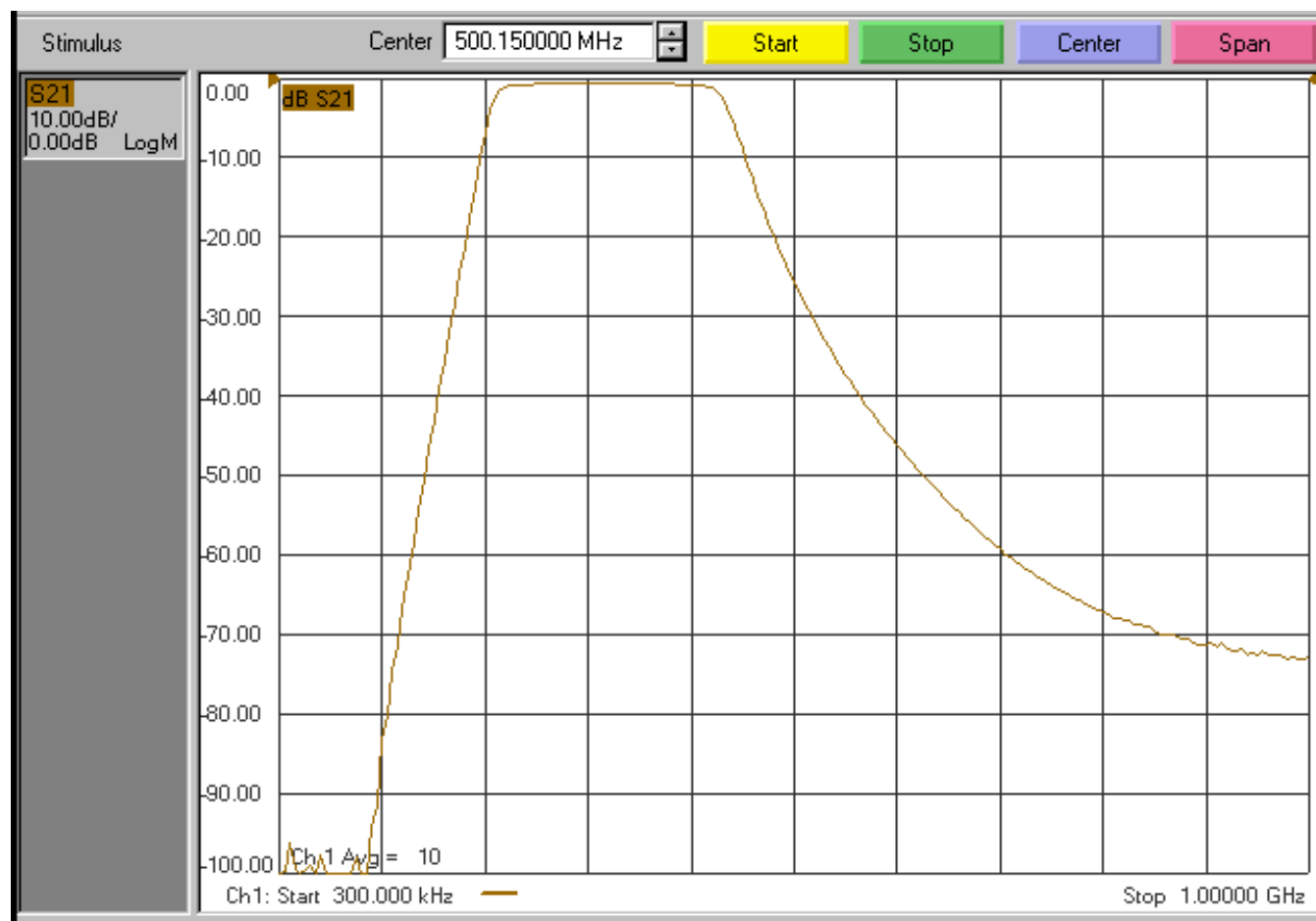
KR Electronics part number 3342-312-SMA is a 312 MHz band-pass filter. The filter has a min 3 dB bandwidth of 195 MHz. Other center frequencies are available. Please consult the factory.

Features

- 312 MHz Bandpass Filter
- 195 MHz minimum 3 dB Bandwidth
- Good Stopband Loss
- 50 Ω Source and Load
- SMA Connectors
- Also available in SMD package

Typical Performance

Overall Response (10 dB/div)



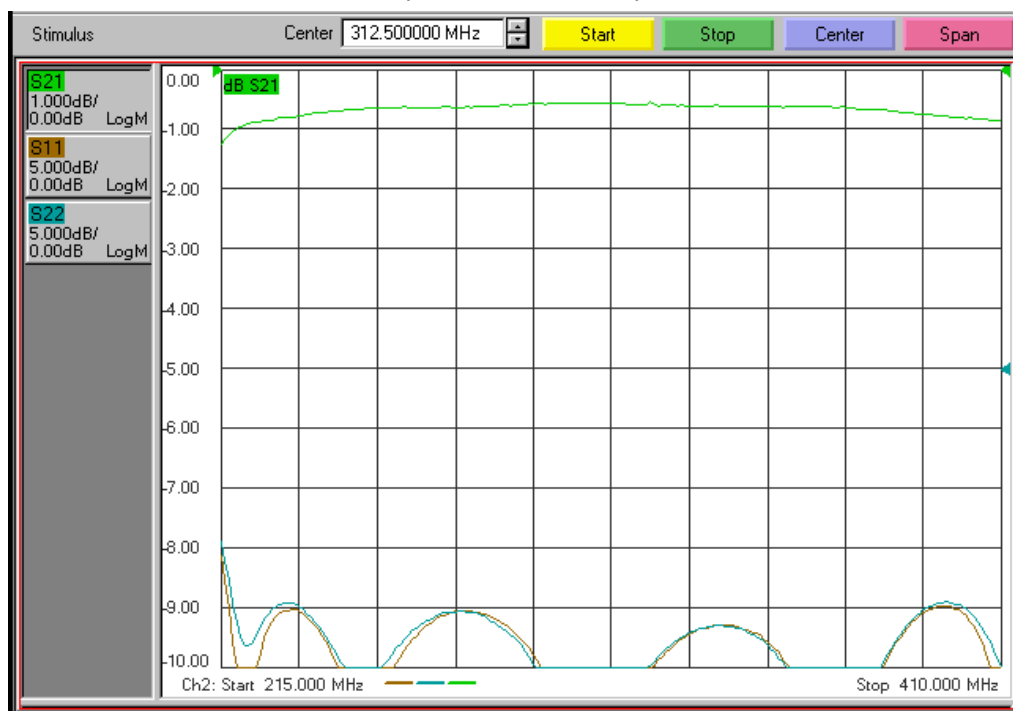
KR Electronics, Inc.
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KR Electronics 3342-312-SMA

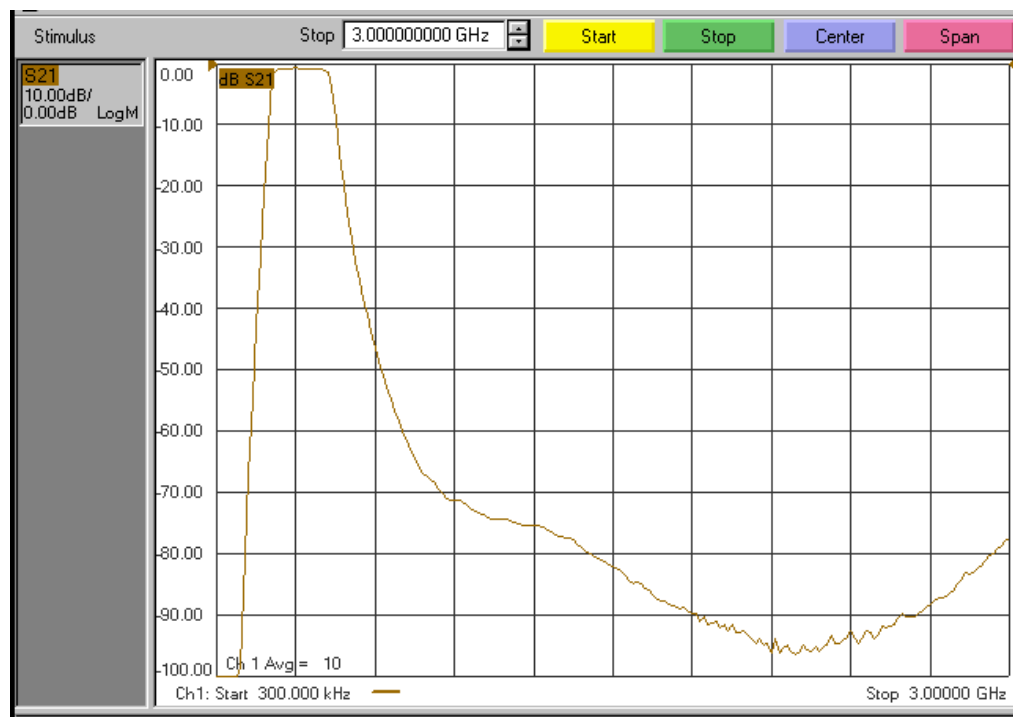
Passband Amplitude & Return Loss

(1 dB/div & 5 dB/div)



Overall Response

(10 dB/div)



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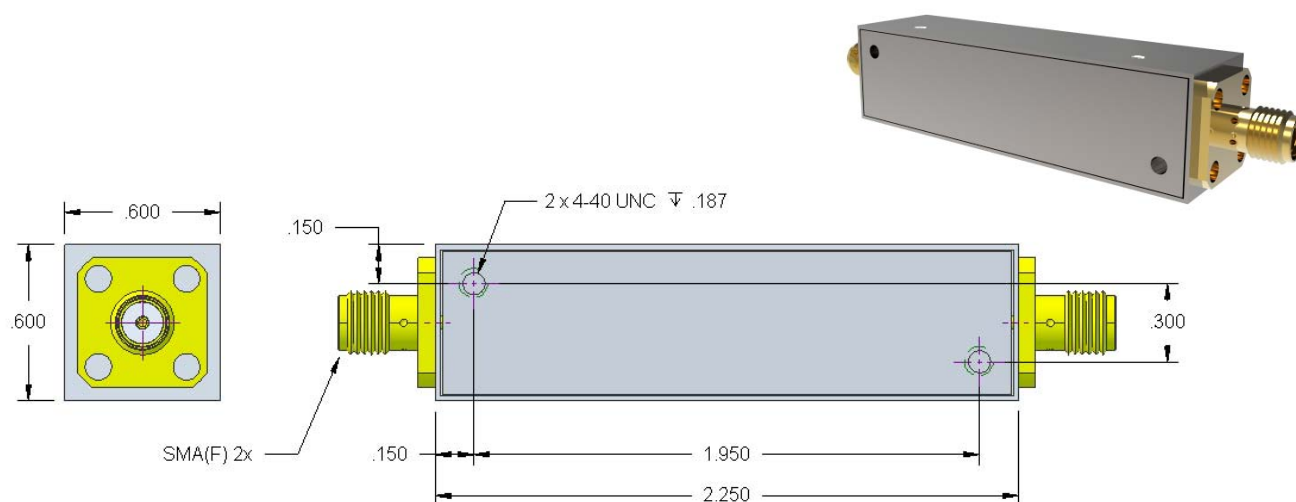
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Specifications

Parameter	Specification	
Filter type	Bandpass	
Center Frequency (Fc)	312 MHz	
Insertion Loss at Fc	2 dBa max	0.6 dBa typical
1 dB Bandwidth	209 MHz typical	
3 dB Bandwidth	195 MHz min	228 MHz typical
40 dB Bandwidth	413 MHz typical	
50 dB Bandwidth	489 MHz typical	
60 dB Bandwidth	585 MHz 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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