

General Description

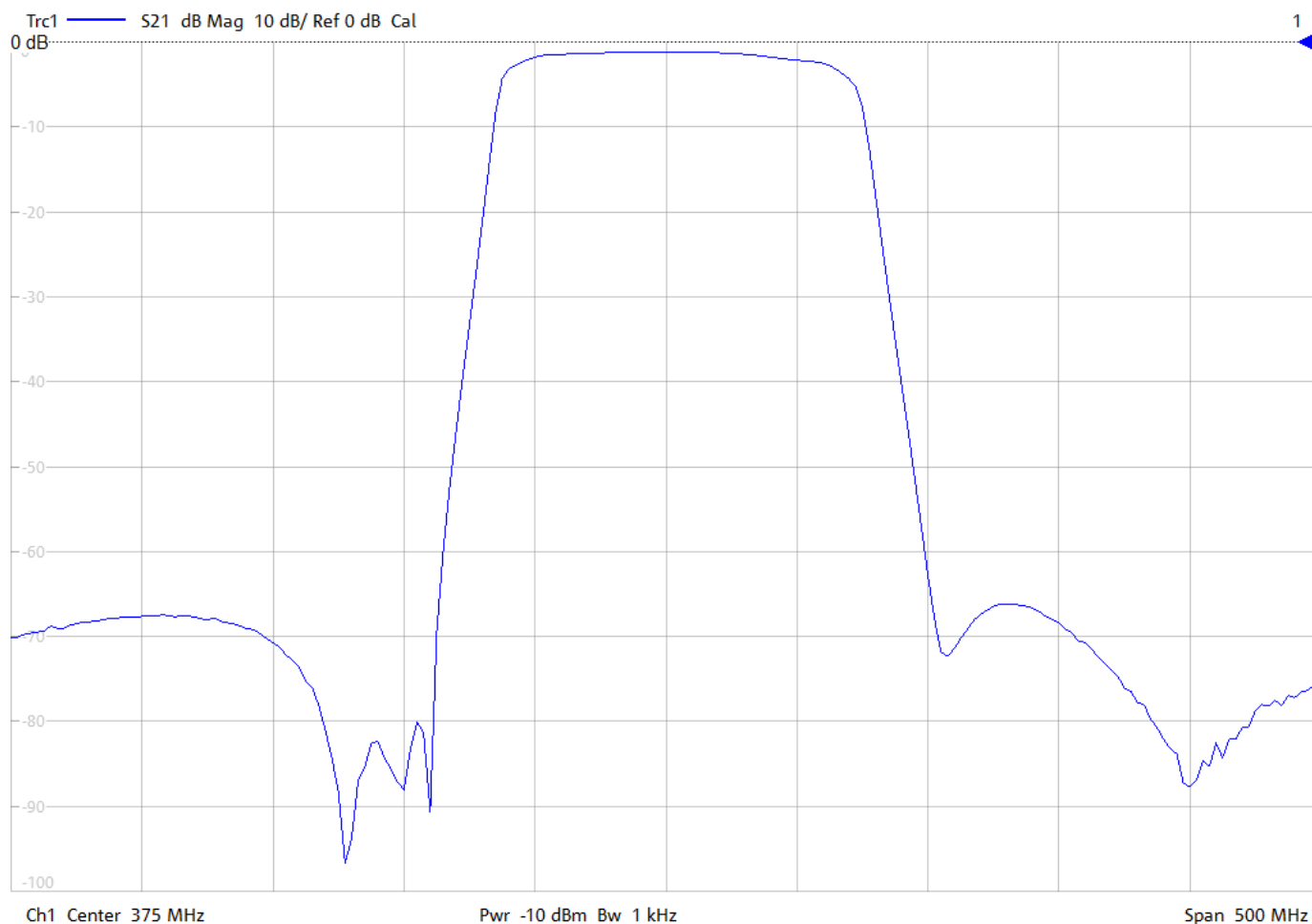
KR Electronics part number 3301-100 is a 375 MHz Bandpass filter. The filter has a 1 dB bandwidth of 100 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

Features

- 375 MHz Bandpass Filter
- 1 dB Bandwidth 100 MHz
- 60 dB Bandwidth 185 MHz typical
- 50 Ω Source and Load
- Other frequencies available
- Also available with SMA Connectors

Typical Performance

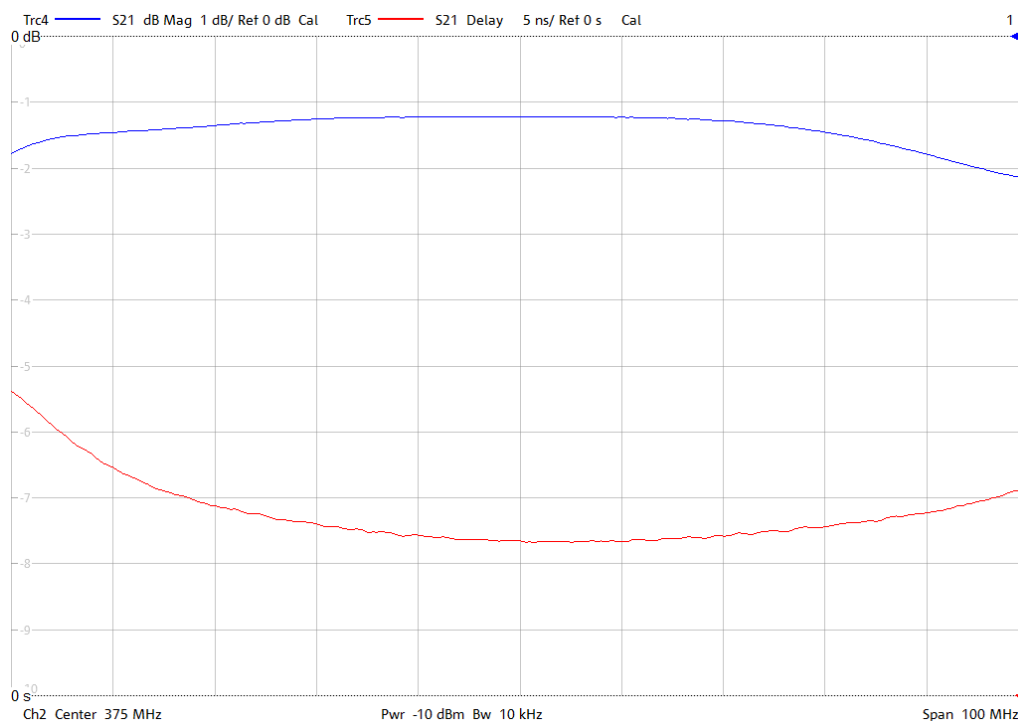
Overall Response (10 dB/div)



KR Electronics 3301-100

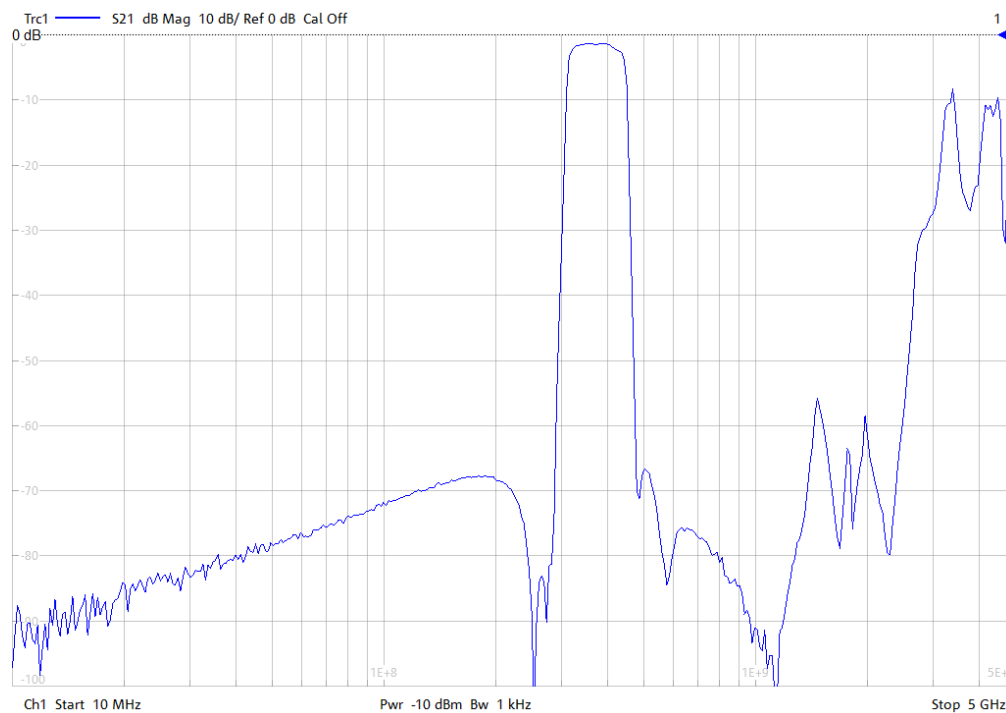
Passband Amplitude & Group Delay

(1 dB/div & 5 nsec/div)



Overall Response

(10 dB/div)



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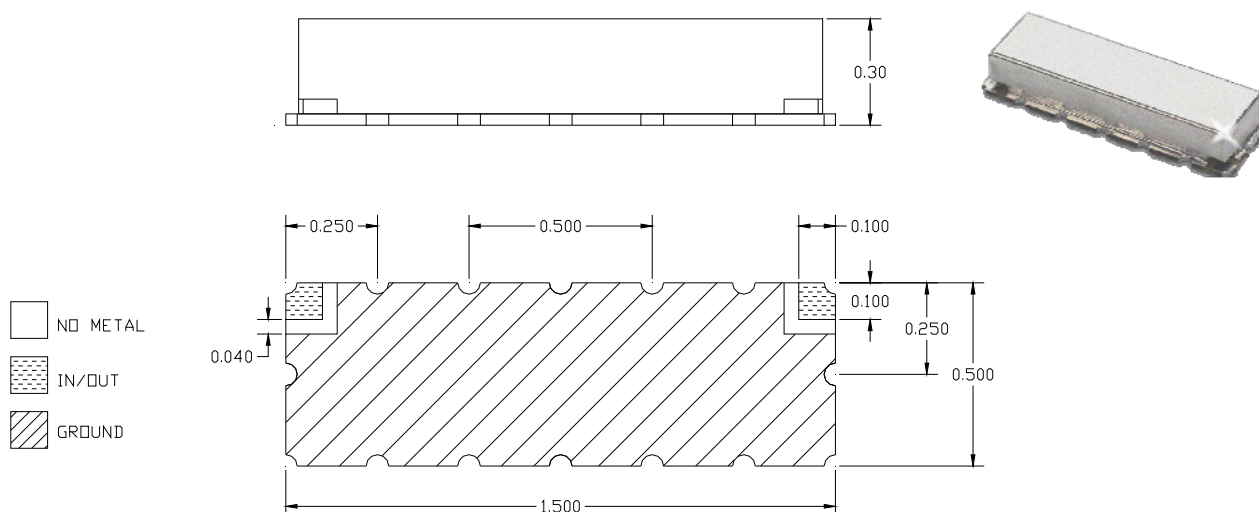
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KR Electronics 3301-100

Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	375 MHz	
Insertion Loss at Fc	2.5 dBa max	1.3 dBa typical
1 dBc Bandwidth	105 MHz \pm 10 MHz	
3 dBc Bandwidth	131 MHz typical	
40 dBc Bandwidth	170 MHz typical	
60 dBc Bandwidth	185 MHz typical	
Source and Load	50 Ω	

Physical Dimensions



Notes:

1. Surface mount package
2. Dimensions in inches
3. Max reflow temperature 230° C for 10 sec
4. If boards are cleaned after installation units must be completely dried