KR Electronics, Inc.

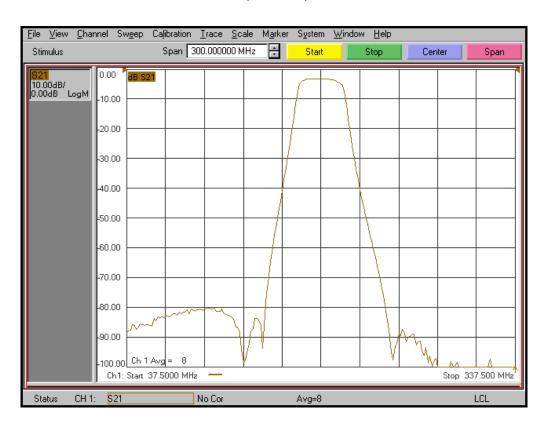
General Description

KR Electronics part number 3251 is a group delay equalized 187.5 MHz Bandpass filter. The filter has a min 1 dB bandwidth of 20 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

Features

- 187.5 MHz Bandpass Filter
- Group Delay Equalized
- 1 dB Bandwidth 20 MHz min
- Selective Elliptic Type Design
- 50 Ω Source and Load
- Other frequencies available
- Also available with SMA Connectors

Typical Performance



Overall Response (10 dB/div)

KR Electronics, Inc.Webwww.krfilters.com91 Avenel StreetEmailsales@krfilters.comAvenel, NJ 07001Fax(732) 636-1900

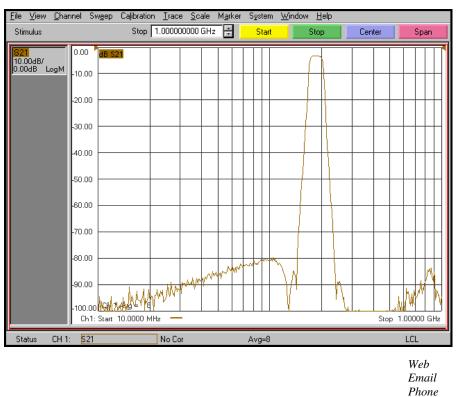
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KR Electronics 3251

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1.000dB/ 2.00dB LogN		00 02 1								
3 <mark>21</mark> 5.000ns/	15.00									+
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	5.00									
	-5.00									
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		otant 17							Stop	
Status CH	2: 521		0	2-Port	Avg=1	0				LCL

Passband Amplitude & Group Delay (1 dB/div & 5 nsec/div)

Overall Response (10 dB/div)



www.krfilters.com sales@krfilters.com (732) 636-1900 (732) 636-1982

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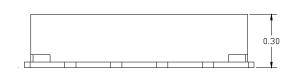
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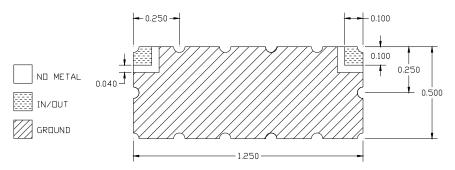
Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	187.5 MHz	
Insertion Loss at Fc	4 dBa max	3 dBa typical
1 dBc Bandwidth	20 MHz min	27 MHz typical
3 dBc Bandwidth	34 MHz typical	
50 dBc Bandwidth	90 MHz max	71 MHz typical
60 dBc Bandwidth	81 MHz typical	
Group Delay Variation 177.5-197.5 MHz	5 nsec max	3 nsec 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

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