KR Electronics, Inc.

www.krfilters.com

KR Electronics, Inc.

General Description

KR Electronics part number 3206 is a 31.6 MHz bandpass filter. The filter has a typical 3 dB bandwidth of 4.5 MHz. Other frequencies are available. Please consult the factory.

-100.00 Ch 1 Avg = 8

CH 1:

Status

S21

Ch1: Start 10.0000 MHz

No Cor

Features

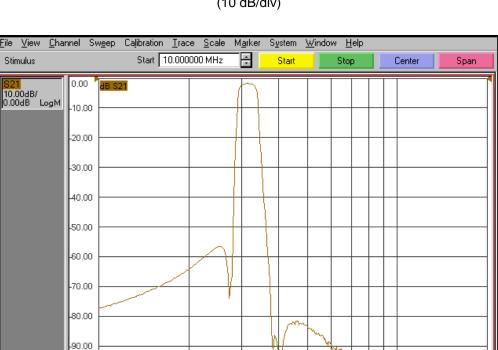
- 31.6 MHz Bandpass Filter
- 3 dB Bandwidth 4.5 MHz typical

Stop 200.000 MHz

LCL

- Selective Elliptic Type Filter
- 50 Ω Source and Load
- Surface Mount
- SMA Connectors Available

Typical Performance



Overall Response (10 dB/div)

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Avg=8

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KR Electronics 3206

jile <u>V</u> iew <u>C</u> ha Stimulus	innel Sv		libration _ Center 31.		 er System Start	_	v <u>H</u> elp Stop	Cent	er	Span
S21	0.00	dB S21								
1.000dB/ 0.00dB LogM <mark>821</mark>										
50.00ns/	-2.00				 					
	-3.00									
	4.00									
	-5.00									
	-6.00									
	-7.00	_								
	-8.00		-							
	-9.00			~~	 	~~~~				
	-10.00 Ch2:	Start 30.1	1000 MHz						Stop 33	.1000 MHz
Status CH :	2: \$21			2-Port						LCL

Passband Amplitude & Group Delay

(1 dB/div & 50 nsec/div)

Overall Response (10 dB/div)



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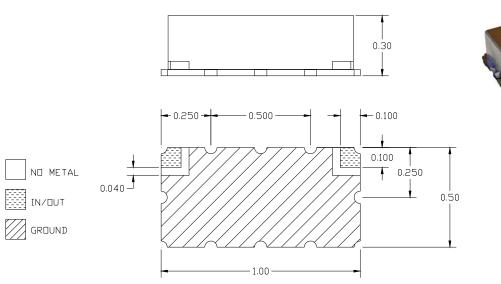
91 Avenel Street

KR Electronics 3206

Specifications

Specification	Notes
Bandpass	
31.6 MHz	
4 dBa max	2 dBa typical
3.6 MHz typical	
4.5 MHz typical	
50 dB min	
7.5 MHz typical	
8.3 MHz typical	
50 Ω	
	Bandpass 31.6 MHz 4 dBa max 3.6 MHz typical 4.5 MHz typical 50 dB min 7.5 MHz typical 8.3 MHz typical

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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