KR Electronics, Inc.

www.krfilters.com

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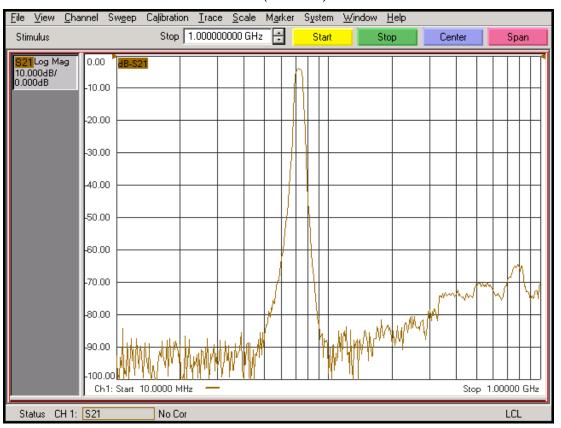
General Description

KR Electronics part number 2989 is a 72.75 MHz bandpass filter. The filter has a minimum 3 dB bandwidth of 5 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

Features

- 72.75 MHz Bandpass Filter
- 5 MHz minimum 3 dB bandwidth
- 50 Ω Source and Load
- Surface Mount
- Also available with SMA connectors

Typical Performance



Overall Response (10 dB/div)

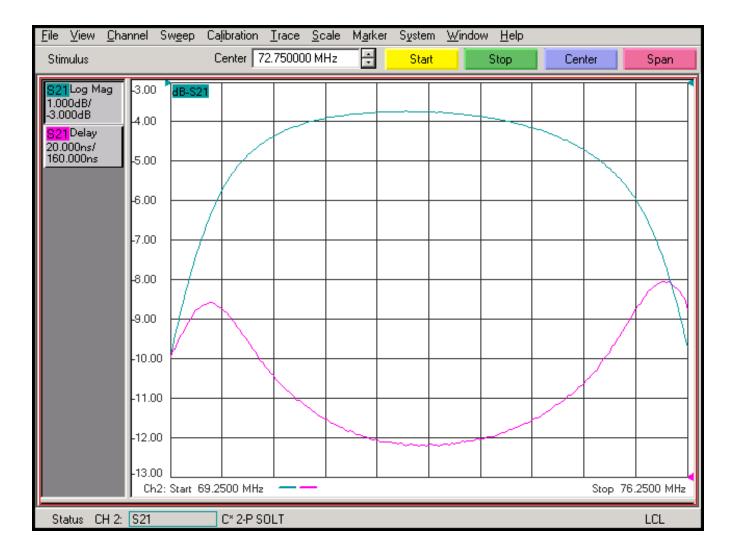
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Typical Performance

Effective Passband Amplitude & Group Delay (1 dB/div & 20 nsec/div)



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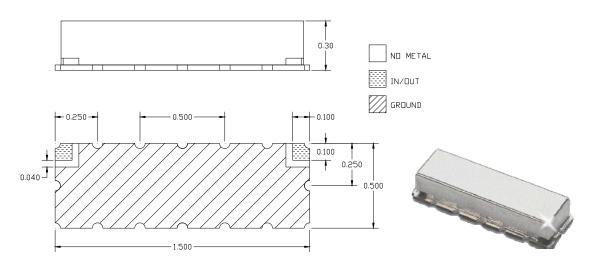
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KR Electronics 2989

Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	72.75 MHz	
Insertion Loss at 72.75 MHz	6 dB max	4 dB typical
3 dB Bandwidth	5 MHz min	6 MHz typical
10 dB Bandwidth	10 MHz max	7.8 MHz typical
60 dB Bandwidth	30 MHz max	24.5 MHz typical
Source and Load	50 Ω	

Physical Dimensions



Notes:

- 1. Surface mount package, metal cover
- 2. Dimensions in inches
- 3. Max reflow temperature 209° C for 10 sec
- 4. If boards are cleaned after installation units must be completely dried
- 5. Also available in metal case with SMA connectors

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