

KR Electronics, Inc.

General Description

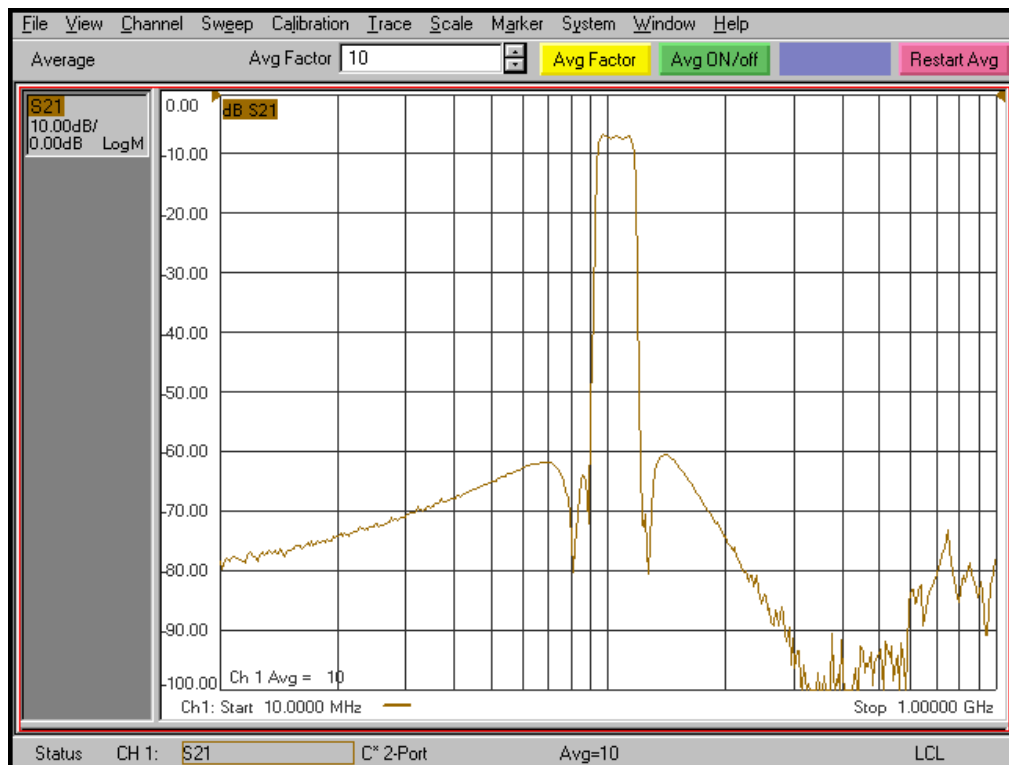
KR Electronics part number 3124 is a 105 MHz group delay equalized bandpass filter. The filter has a min 2 dB bandwidth of 20 MHz. Other frequencies are available. Please consult the factory.

Features

- 105 MHz Bandpass Filter
- 20 MHz Bandwidth
- Sharp Elliptic Transition to Stopband
- Group Delay Equalized for Linear Phase
- 50 Ω Source and Load
- Surface Mount Package
- Also Available with SMA Connectors

Typical Performance

Overall Response (10 dB/div)

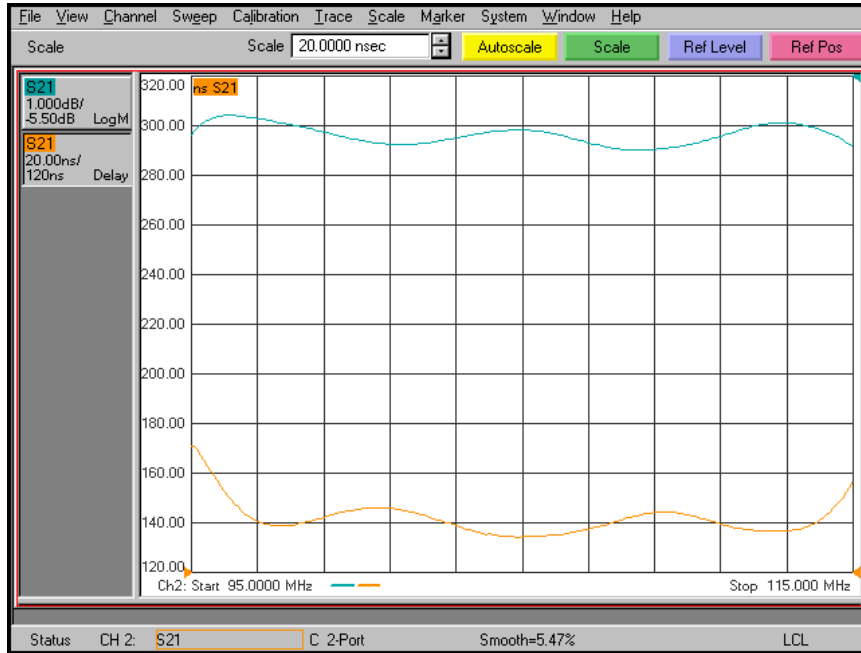


KR Electronics, Inc.
91 Avenel Street
Avenel, NJ 07001

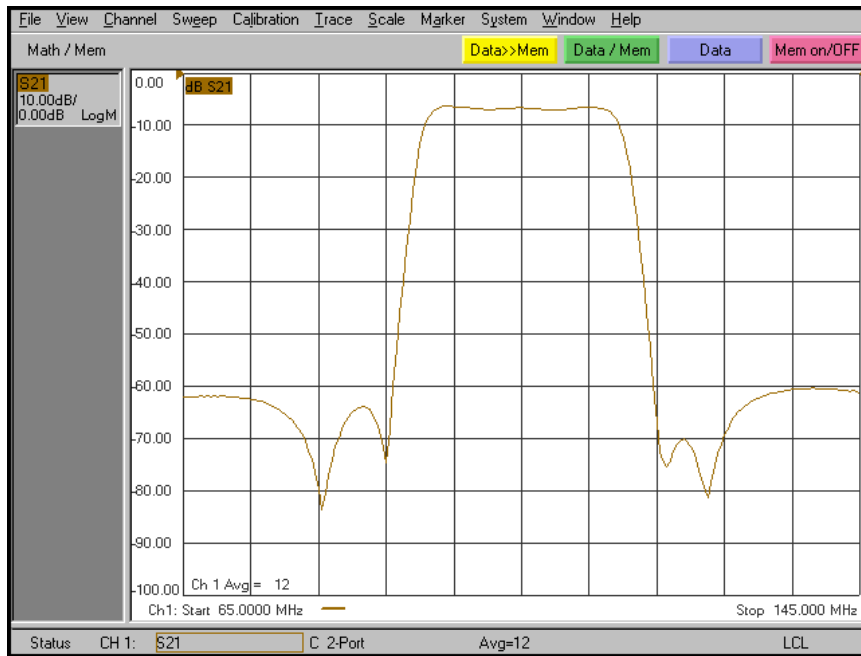
Web www.krfilters.com
Email sales@krfilters.com
Phone (732) 636-1900
Fax (732) 636-1982

Typical Performance

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



Overall Response
(10 dB/div)



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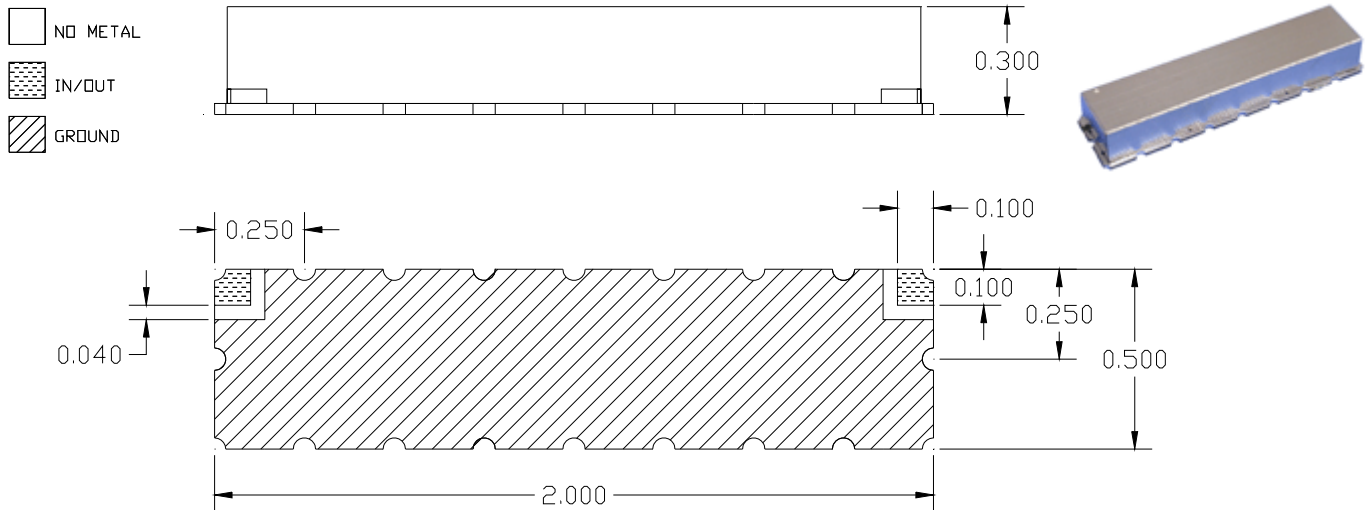
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Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	105 MHz	
Insertion Loss	6.5 dBa typical	
2 dBc Bandwidth	20 MHz min	20.8 MHz typical 1 dBc BW
45 dBc Bandwidth	31 MHz max	29.6 MHz typical
Source and Load	50 Ω	

Physical Dimensions



Notes:

1. Surface mount package — Metal cover open frame
2. Dimensions in inches
3. Maximum reflow temperature is 230° C for 10 sec maximum.
4. If boards are cleaned after installation, units must be completely dried.

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