

KR Electronics, Inc.

General Description

KR Electronics part number 3204 is a 1087.5 MHz bandpass filter. The filter has a min 3 dB bandwidth of 255 MHz. Other center frequencies and are bandwidths available. Please consult the factory.

Features

- 1087.5 MHz Bandpass
- 3 dB Bandwidth 255 MHz min
320 MHz typical
- 50 Ω Source and Load
- Surface Mount
- SMA Connectors Available

Typical Performance

Overall Response (10 dB/div)

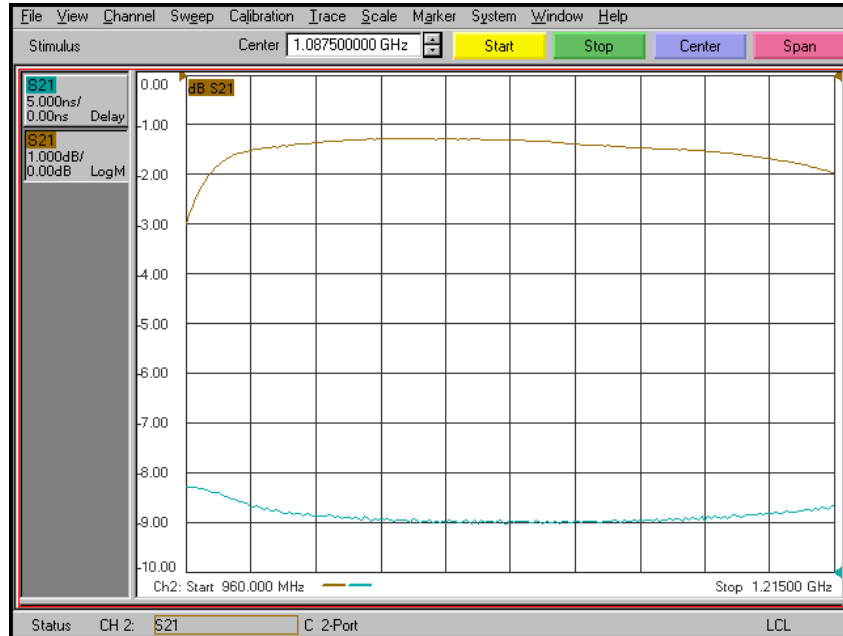


KR Electronics, Inc.
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Typical Performance

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



Overall Response (10 dB/div)

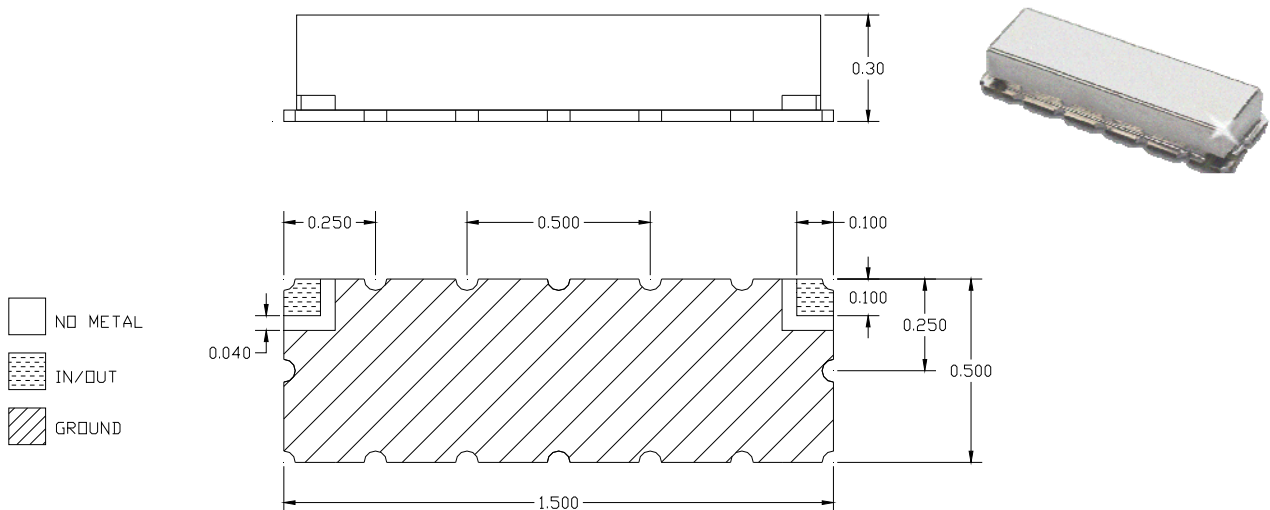


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Specifications

Parameter	Specification	
Filter type	Bandpass	
Center Frequency	1087.5 MHz	
Insertion Loss	2.5 dB max	1.25 dB typical
1 dB Bandwidth	258 MHz typical	
3 dB Bandwidth	255 MHz min	320 MHz typical
40 dB Bandwidth	582 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.
5. Also available with SMA connectors see part number 3204-SMA

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