

KR Electronics, Inc.

General Description

KR Electronics part number 3243 is a 374 MHz bandpass filter. The filter has a minimum 1 dB bandwidth of 452 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

Features

- 374 MHz Bandpass Filter
- 1 dB Bandwidth 530 MHz typical
- 40 dB Bandwidth 660 MHz max
- Sharp Elliptic Type Design
- 50 Ω Source and Load
- Surface Mount
- Also available with SMA Connectors

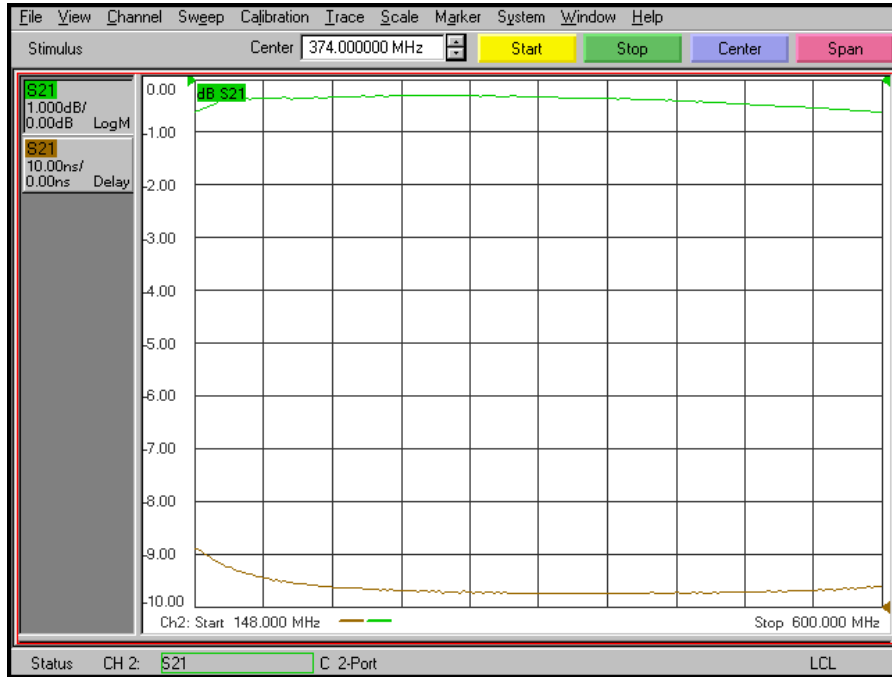
Typical Performance

Overall Response (10 dB/div)

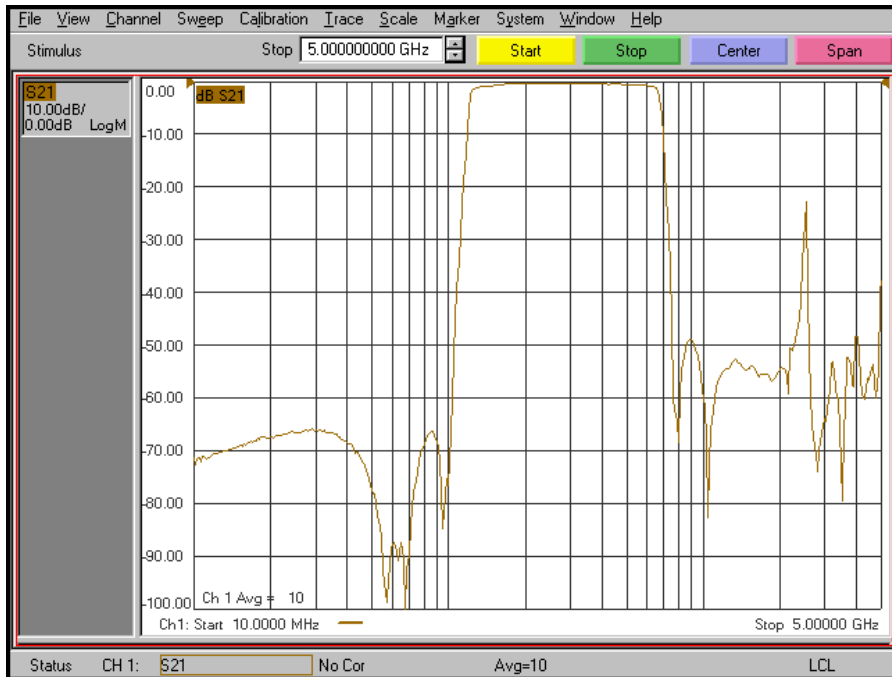


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Passband Amplitude & Group Delay (1 dB/div & 10 nsec/div)



Overall Response (10 dB/div)



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Avenel, NJ 07001

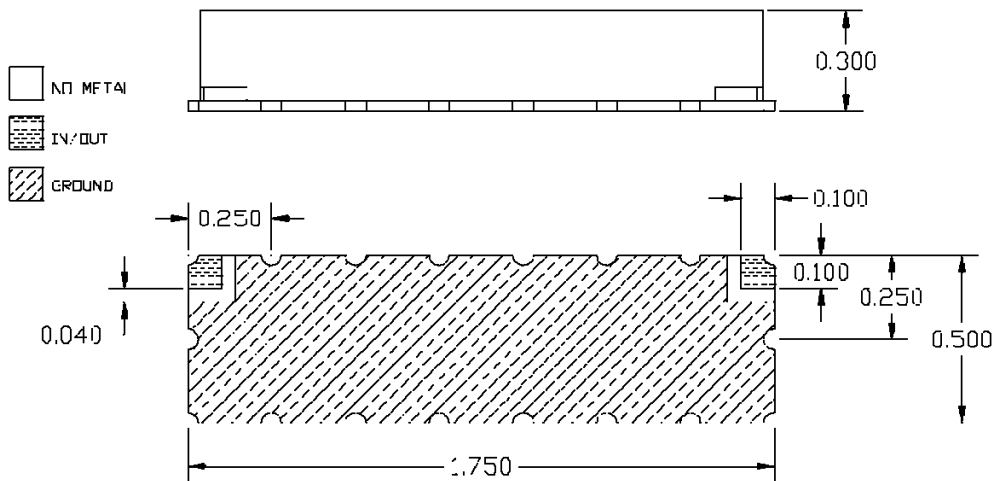
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Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	374 MHz	
Insertion Loss	1 dBa max	< 0.5 dBa typical
1 dBc Bandwidth	452 MHz min (148-600 MHz)	530 MHz typical
3 dBc Bandwidth	550 MHz typical	
40 dBc Bandwidth	640 MHz typical	
Rejection at 100 MHz & below	50 dB min	
Rejection 760 MHz to 1500 MHz	40 dB min	
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
5. Also available with SMA(f) Connectors

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