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General Description

KR Electronics part number 3240-234-50+ is a 233.9 MHz bandpass filter. The filter has a 3 dB bandwidth of 15 MHz. Other frequencies are available. Please consult the factory.

Features

- 233.9 MHz Bandpass Filter
- 3 dB Bandwidth 15 MHz typical
- 50 Ω Source and Load
- Surface Mount Package
- SMA Connectors Also Available

Typical Performance

<u>F</u>ile <u>V</u>iew <u>C</u>hannel Sw<u>e</u>ep Calibration <u>T</u>race <u>S</u>cale M<u>a</u>rker S<u>v</u>stem <u>W</u>indow <u>H</u>elp Center 233.900000 MHz ÷ Stimulus Start Center Stop Span 0.00 dB S21 10.00dB/ 0.00dB LogM -10.00 20.00 -30.00 40.00 50.00 60.00 70.00 80.00 90.00 -100.00 Ch 1 Avg = 18 Stop 433.900 MHz Ch1: Start 33,9000 MHz Status CH 1: S21 No Cor Avg=18 LCL

KR Electronics, Inc.Webwww.krfilters.com91 Avenel StreetEmailsales@krfilters.comAvenel, NJ 07001Fax(732) 636-1982

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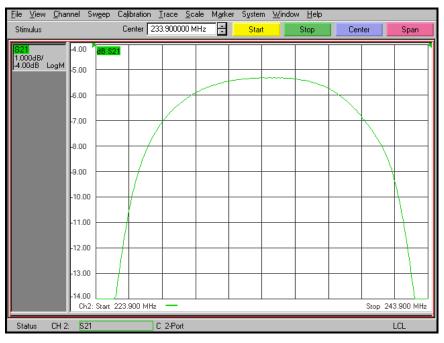
Overall Response (10 dB/div)

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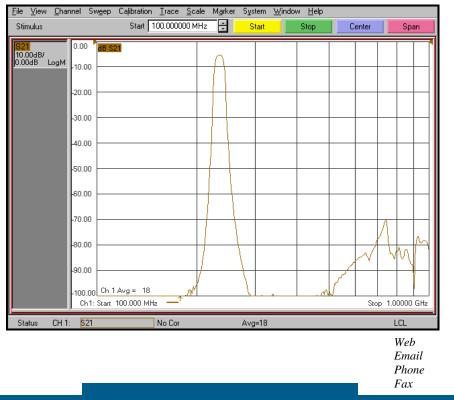
Typical Performance

Passband Amplitude

(1 dB/div)



Overall Response (10 dB/div)



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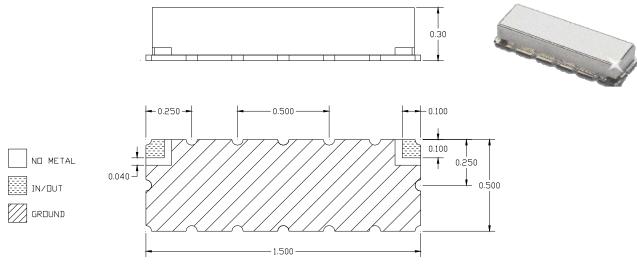
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KR Electronics 3240-234-50+

Specifications

	Specification	Notes
Filter type	Bandpass	
Center Frequency (Fc)	233.9 MHz	
Insertion Loss (at Fc)	6.5 dBa max	4.3 dBa typical
3 dBc Bandwidth	15 MHz ± 1.5 MHz	
40 dB Bandwidth	32 MHz max	30 MHz typical
60 dB Bandwidth	42 MHz typical	
Source & Load Impedance	50 Ω	
RoHS	Yes	

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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