

General Description

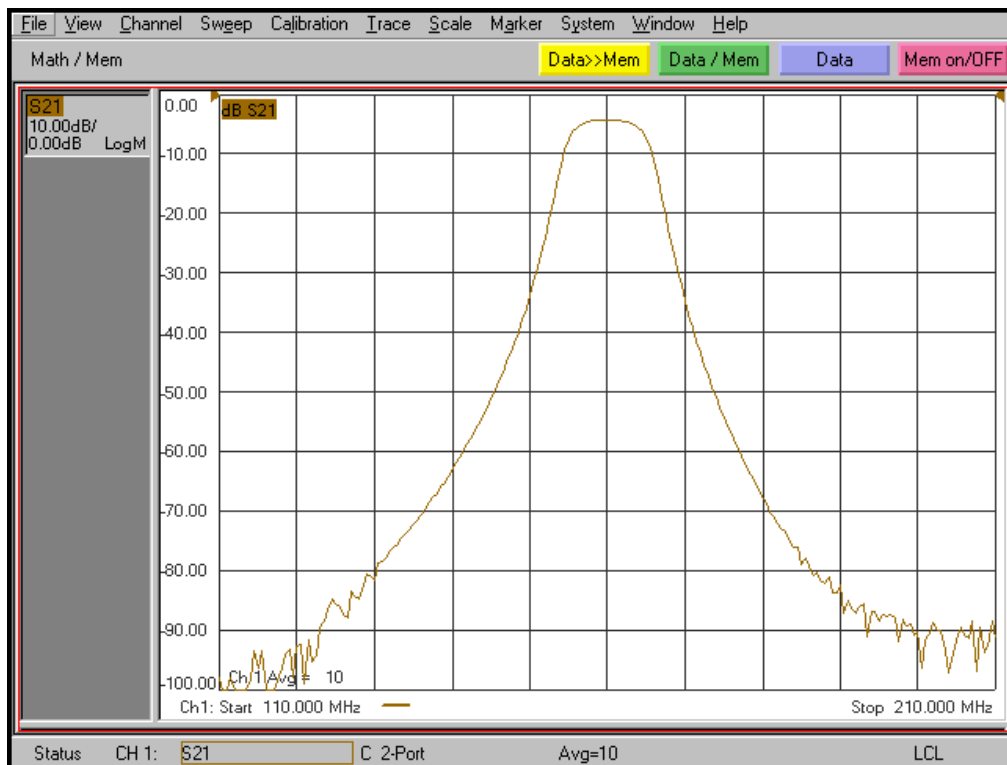
KR Electronics part number 3162 is a 160 MHz bandpass filter. The filter has a 3 dB bandwidth of 10 MHz. Other frequencies are available. Please consult the factory.

Features

- 160 MHz Bandpass Filter
- 3 dB Bandwidth = 10 MHz \pm 0.5 MHz
- 39 MHz typical 60 dB Bandwidth
- 50 Ω Source and Load
- Surface Mount Package
- SMA Connectors Also Available

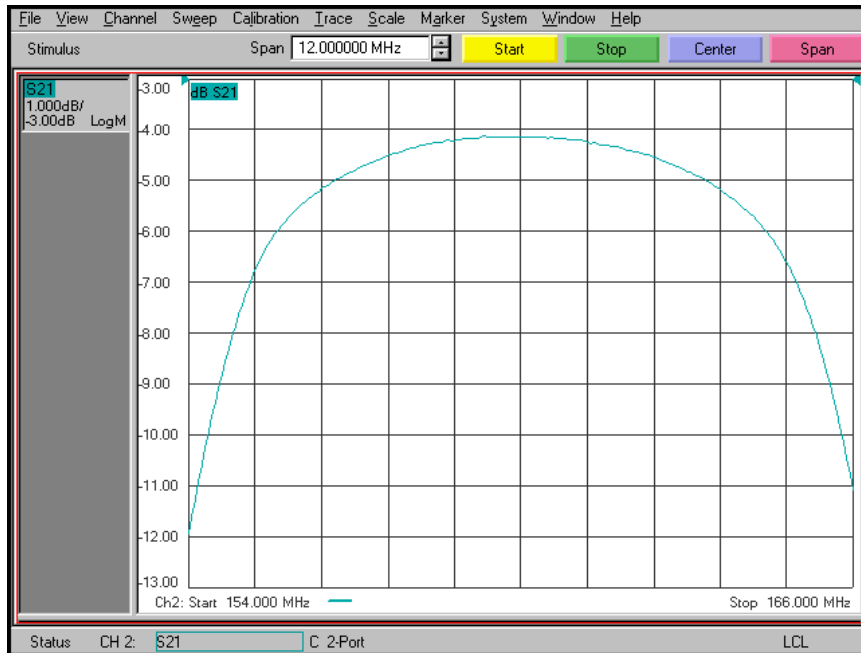
Typical Performance

Overall Response (10 dB/div)



Typical Performance

Passband Amplitude (1 dB/div)



Overall Response (10 dB/div)



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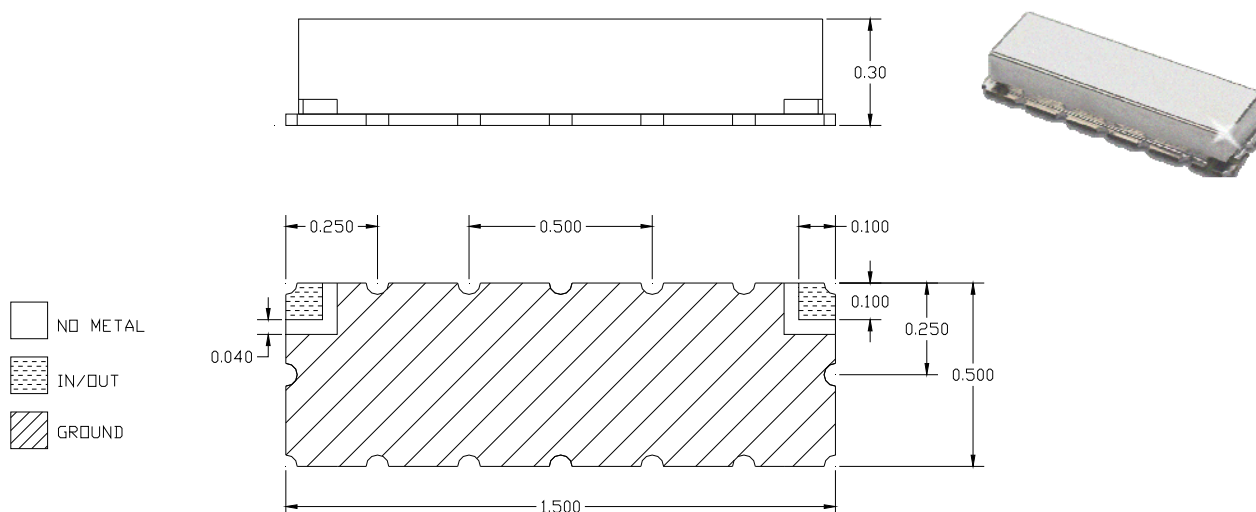
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KR Electronics 3162

Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency (Fc)	160 MHz	
Insertion Loss (at Fc)	5 dBa max	4.25 dBa typical
3 dBc Bandwidth	10 MHz \pm 0.5 MHz	
10 dBc Bandwidth	12.8 MHz typical	
20 dBc Bandwidth	16 MHz typical	
40 dBc Bandwidth	25 MHz typical	
60 dBc Bandwidth	39 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.