

General Description

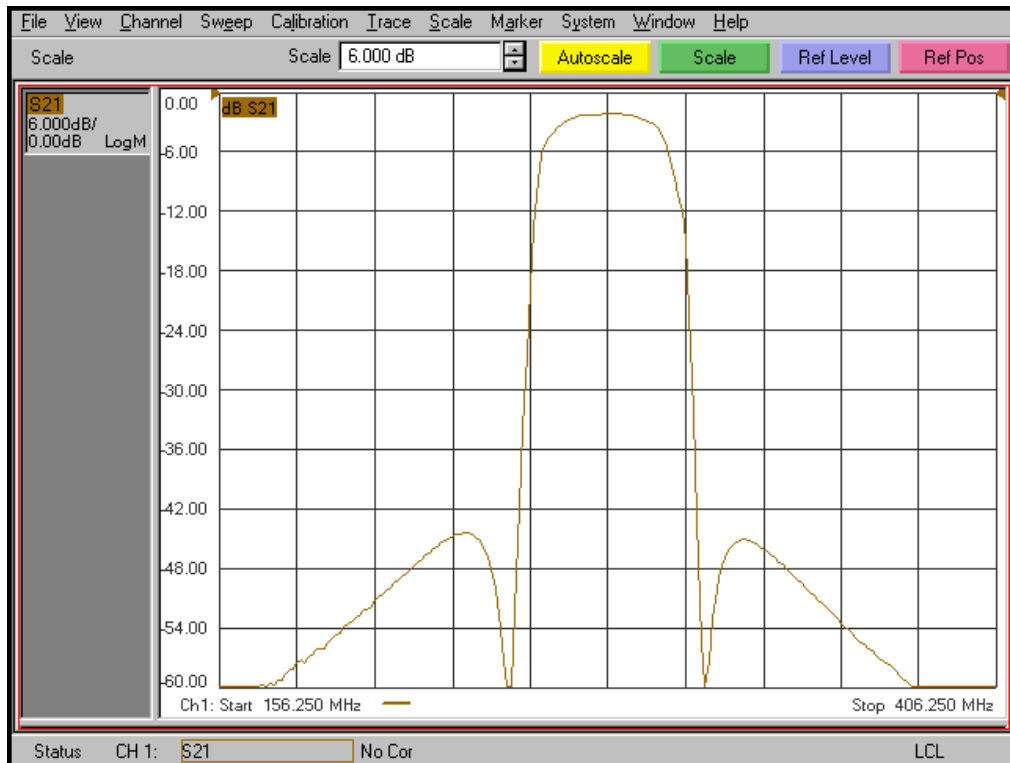
KR Electronics part number 3032-SMD is a 281.25 MHz band-pass filter. The filter has a minimum 3 dB bandwidth of 34 MHz. Other bandwidths and center frequencies are available. Please consult the factory.

Features

- 281.25 MHz Bandpass Filter
- 34 MHz min 3 dB Bandwidth
- Sharp Elliptic Type Design
- 50 Ω Source and Load
- Surface Mount
- Available with SMA Connectors

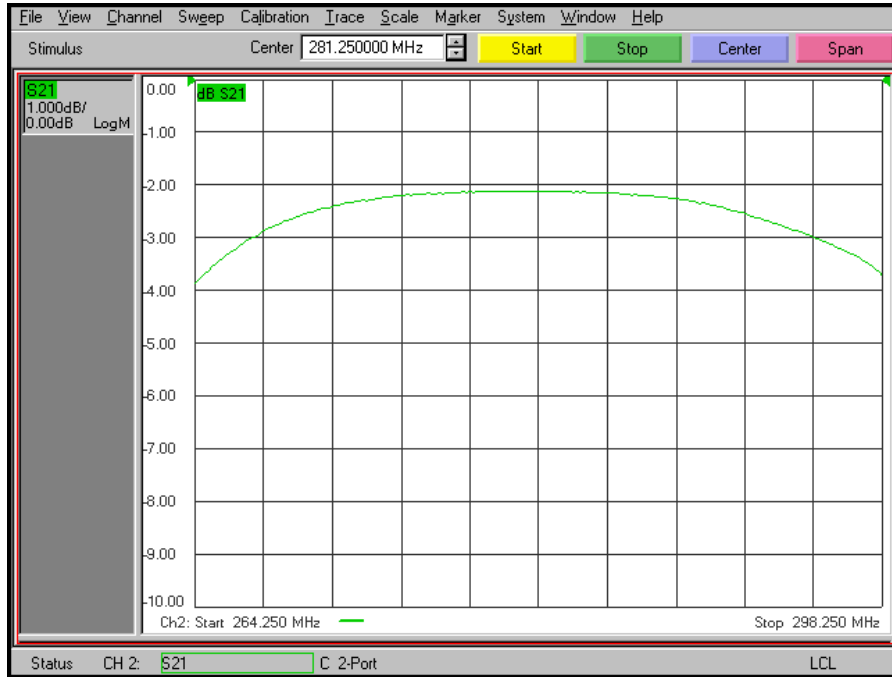
Typical Performance

Overall Response (6 dB/div)

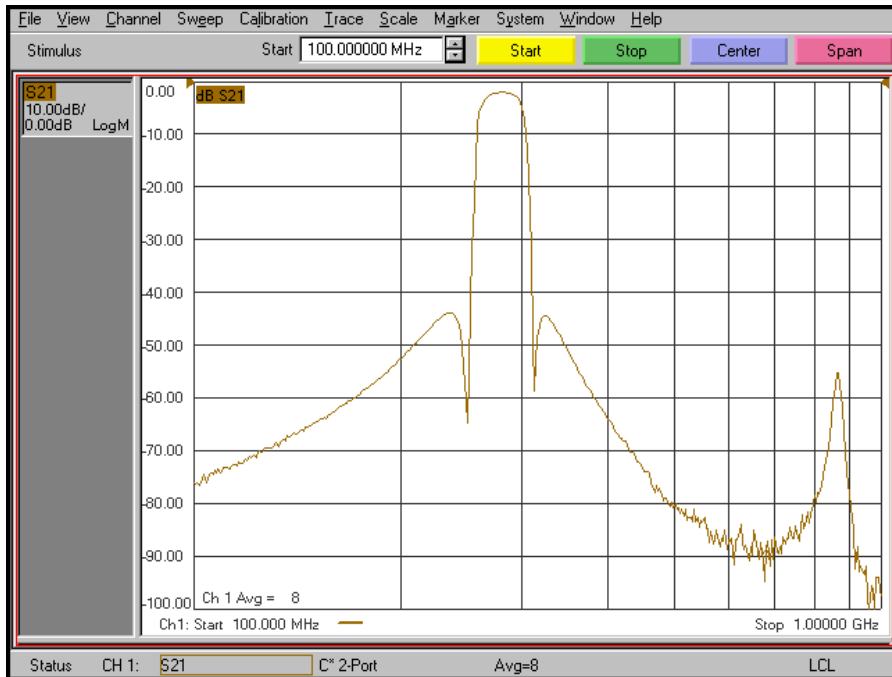


KR Electronics 3032-SMD

Passband Amplitude (1 dB/div)



Overall Response (6 dB/div)



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91 Avenel Street
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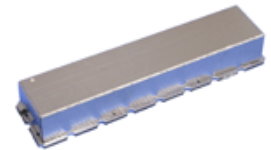
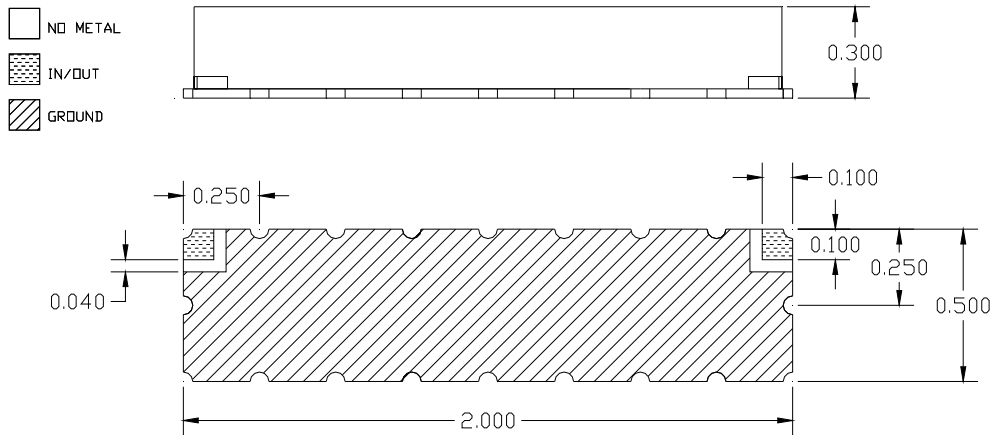
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KR Electronics 3032-SMD

Specifications

Parameter	Specification	
Filter type	Bandpass	
Center Frequency	281.25 MHz	
Insertion Loss	3.2 dB max	2 dB typical
3 dB Bandwidth	34 MHz min	38 MHz typical
Rejection at 250 MHz	40 dB min	
Rejection at 312.5 MHz	40 dB min	
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 3032