

General Description

KR Electronics part number 3108 is a 110 MHz wide band band-pass filter. The filter has a 0.5 dB bandwidth of 200 MHz minimum and has a sharp transition to the stopband. Other center frequencies and bandwidths are available. Please consult the factory.

Features

- 110 MHz Bandpass Filter
- 200 MHz min 0.5 dB Bandwidth
- Sharp Transition to the Stopband
- 50 dB min Stopband
- 50 Ω Source and Load
- SMA Connectors
- Also available in surface mount

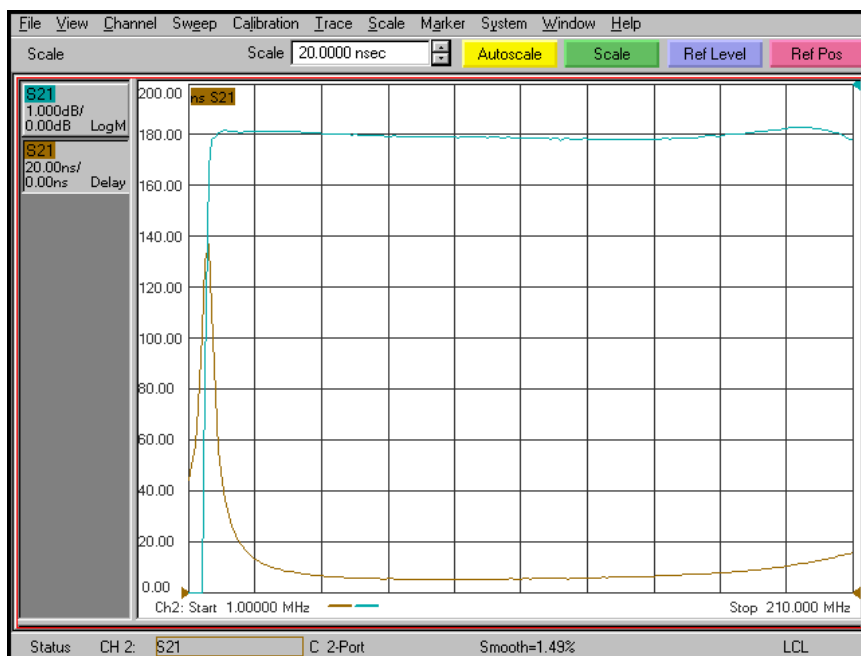
Typical Performance

Overall Response (10 dB/div)

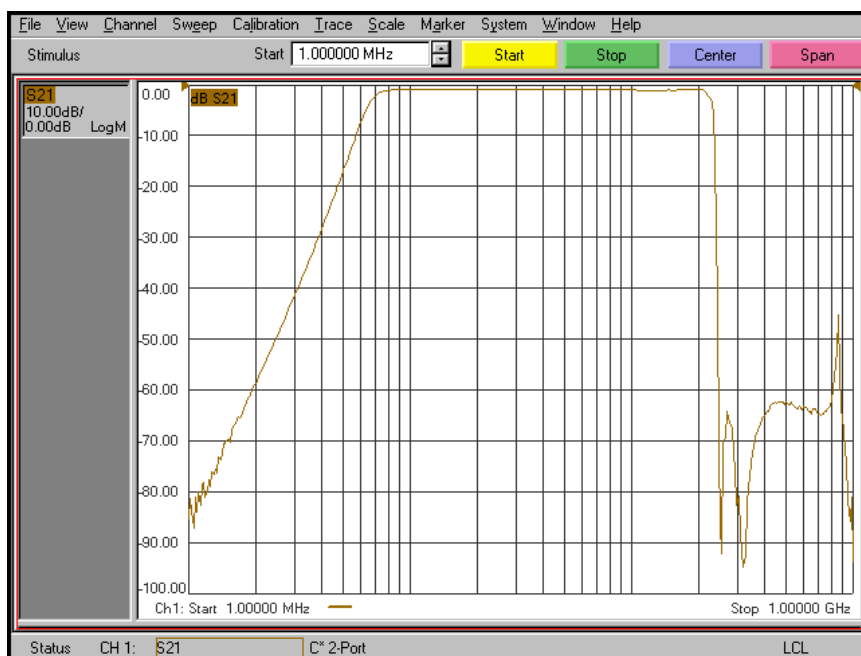


Typical Performance

Passband Amplitude & Group Delay (1 dB/div & 20 nsec/div)



Overall Response (10 dB/div)



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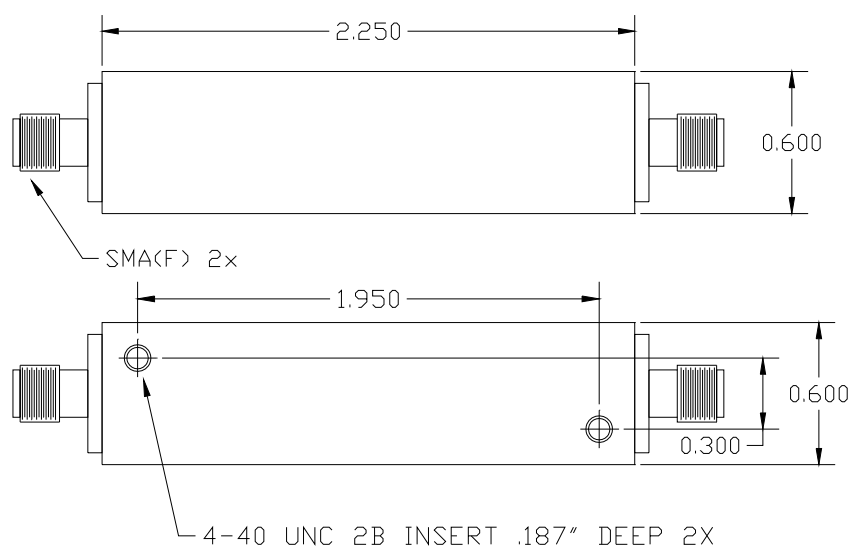
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KR Electronics 3108

Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Insertion Loss at 100 MHz	1.5 dBa max	1.0 dBa typical
0.5 dBc Passband	10 MHz to 210 MHz	200 MHz min Bandwidth
Stopband Rejection dc to 1 MHz	50 dBc min	80 dBc
Stopband Rejection 247 MHz to 600 MHz	50 dBc min	
Source and Load	50 Ω	

Physical Dimensions



Notes:

1. Dimensions in inches
2. Rectangular case
3. Also available in surface mount package

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