KR Electronics, Inc.

General Description

KR Electronics part number 2961 is a 300 MHz group delay equalized lowpass filter. Other frequencies are available. Please consult the factory.

Features

- 300 MHz minimum 1 dB BW
- Sharp Transition to the Stopband
- Group Delay Equalized
- 50 Ω Source and Load
- Surface Mount

Typical Performance

Overall Response
(10 dB/div)



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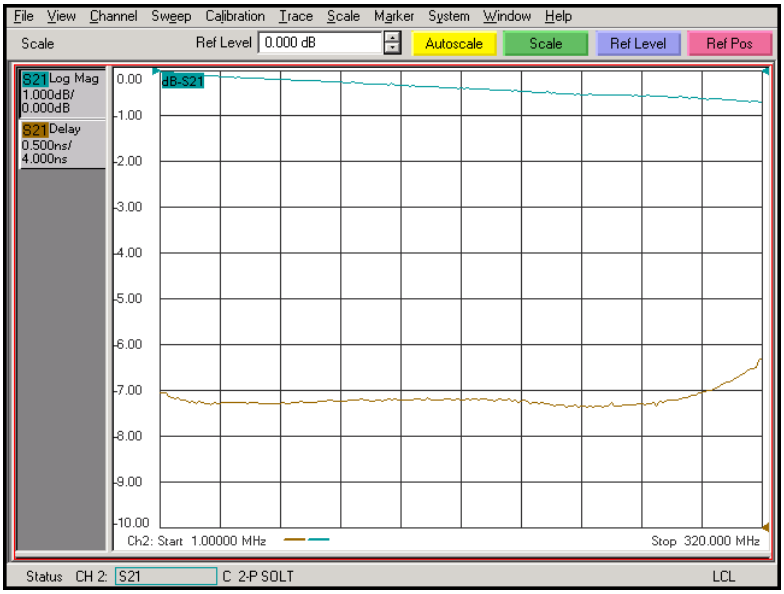
Typical Performance

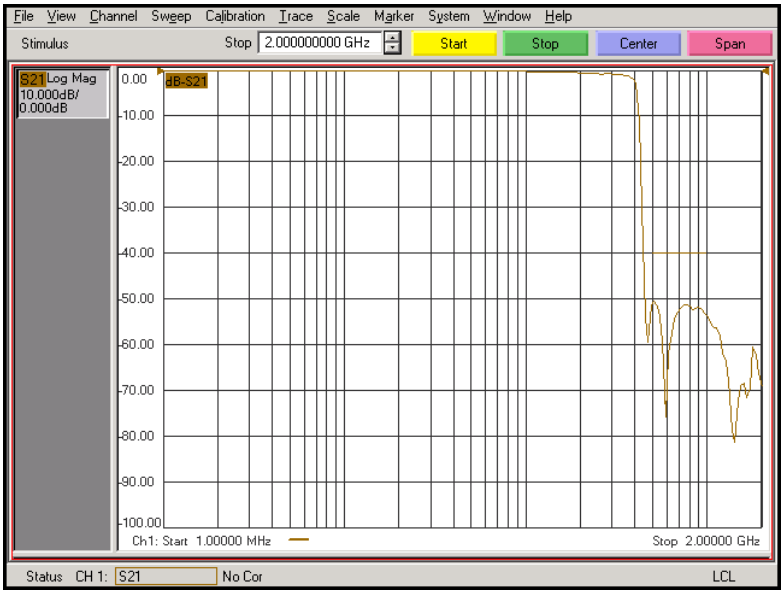
Passband Amplitude & Group Delay

(1 dB/div & 0.5 nsec/div)



Overall Response

(10 dB/div)



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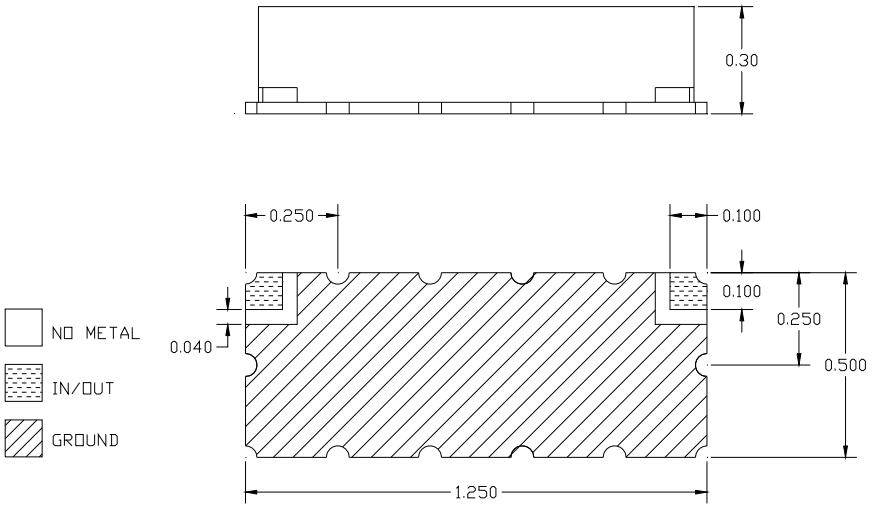
Specifications

Parameter	Specification
Filter type	Lowpass
End of Passband < 1 dB	300 MHz
Rejection 500 MHz to 1 GHz	40 dB min
Group Delay Variation to 280 MHz	0.20 nsec max
Source and Load	50 Ω

Physical Dimensions





Notes:
1. Surface mount package
2. Dimensions in inches
3. Max reflow temperature 209° C for 10 sec
4. If boards are cleaned after installation units must be completely dried

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