

General Description

KR Electronics part number 3101 is a 180 MHz group delay equalized lowpass filter. The filter has 40 dB min attenuation by 200 MHz. Other bandwidths are available. Please consult the factory.

Features

- 180 MHz Lowpass Filter
- Group Delay Equalized
- Sharp Elliptic Type Response
- 40 dB min Rejection at 200 MHz
- 50 Ω Source and Load
- SMA Connectors
- Also available in surface mount

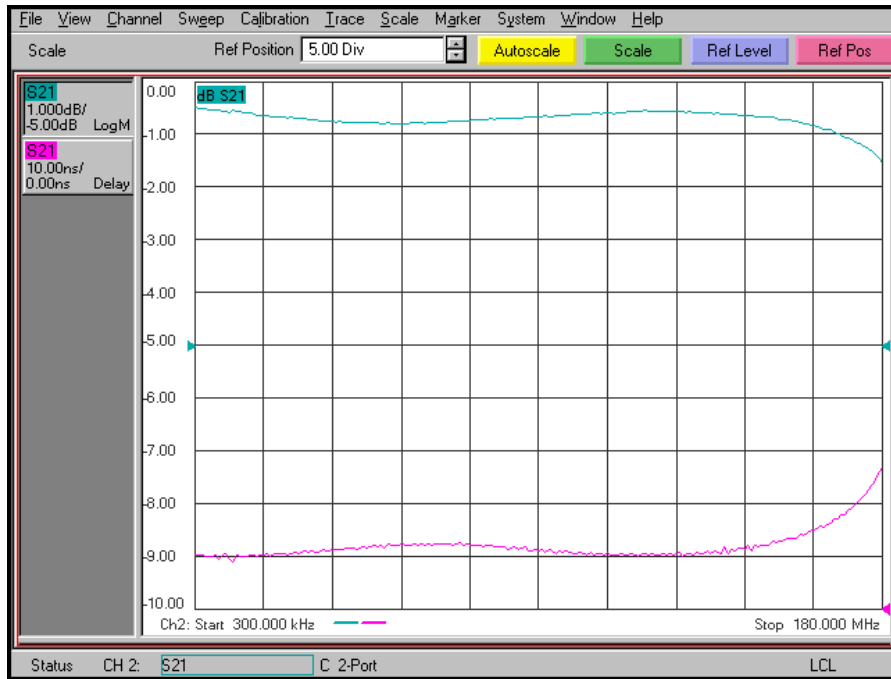
Typical Performance

Overall Response (10 dB/div)

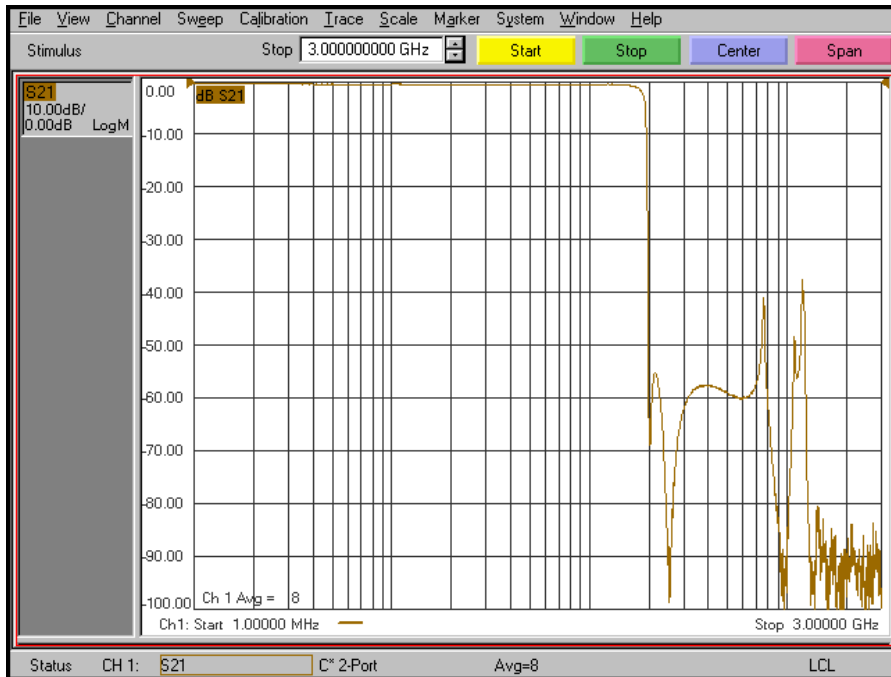


KR Electronics 3101

Passband Amplitude & Group Delay (1 dB/div & 10 nsec/div)



Overall Response (10 dB/div)



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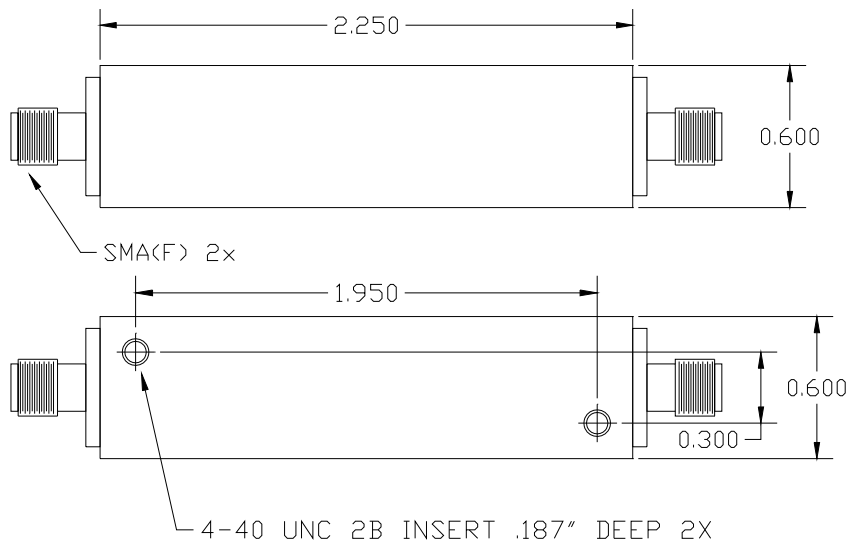
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KR Electronics 3101

Specifications

Parameter	Specification	
Filter type	Lowpass	
End of Passband 3 dB max	180 MHz	1 dB typical
Insertion Loss at 300 KHz	1 dB max	0.5 dB typical
Rejection at 200 MHz	40 dB min	>50 dB typical
Source and Load	50 Ω	

Physical Dimensions



Notes:

1. Dimensions in inches
2. Rectangular case
3. Also available in 2" x 0.5" x 0.3" surface mount package

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