

KR Electronics, Inc.

General Description

KR 2897-SMA is a 300 MHz bandpass filter. The 1 dB bandwidth is 48 MHz minimum. The filter is group delay and amplitude equalized. Other center frequencies and bandwidths available. Please consult the factory.

Features

- 300 MHz Center Frequency
- 48 MHz min 1 dB Bandwidth
- Group Delay/Phase Equalized
- Elliptic Response
- SMA Connectors
- 50 Ω Source and Load

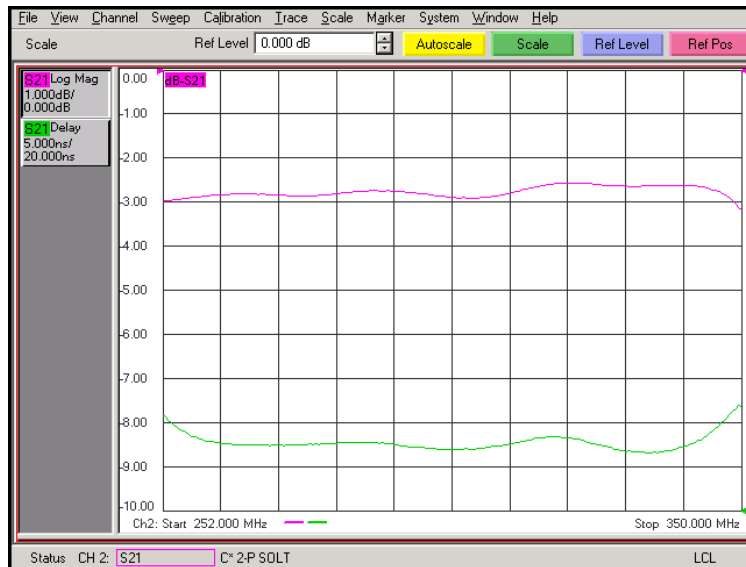
Typical Performance

Overall Response (10 dB/div)



Typical Performance

Passband Amplitude & Group Delay (1 dB/div & 5 nsec/div)



Overall Stopband to 1 GHz (10 dB/div)



KR Electronics, Inc.
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Avenel, NJ 07001

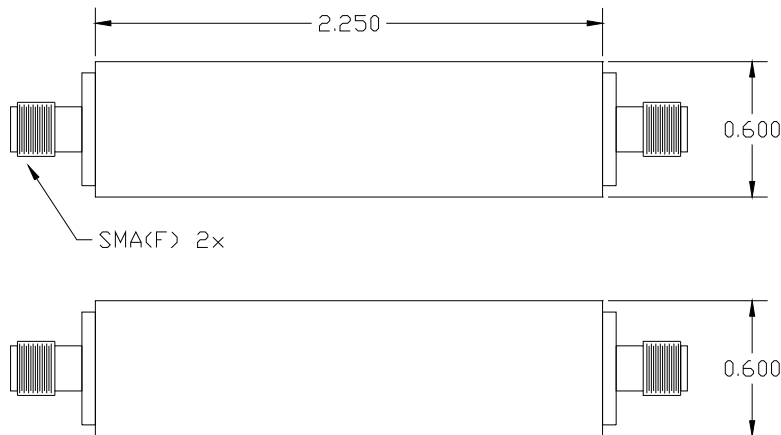
Web www.krfilters.com
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Phone (732) 636-1900
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KR Electronics 2897-SMA

Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	300 MHz
Insertion Loss	< 5 dB (3 dB typical)
Minimum 1 dB Bandwidth	48 MHz min
Attenuation 225 MHz	50 dB min
Attenuation 380 MHz	50 dB min
Deviation from Linear Phase 252 MHz to 350 MHz	$\pm 5^\circ$ max (<5° p-p typical)
Source and Load	50 Ω

Physical Dimensions



Notes:

1. Dimensions in inches
2. Rectangular case
3. Also available in surface mount package 0.5" x 2.0" x 0.30"

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