

KR Electronics, Inc.

General Description

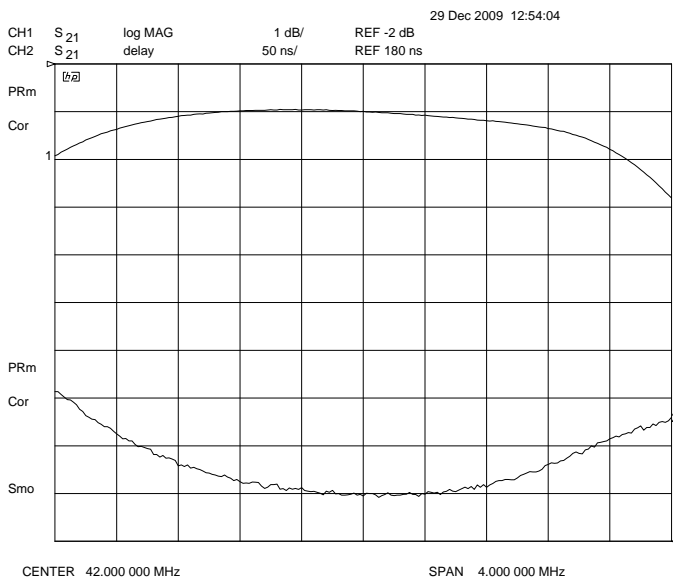
KR Electronics part number 2801-SMA is a 42 MHz elliptic type bandpass filter. The filter has a minimum 3 dB bandwidth of 4 MHz. Other passband frequencies are available. Please consult the factory.

Features

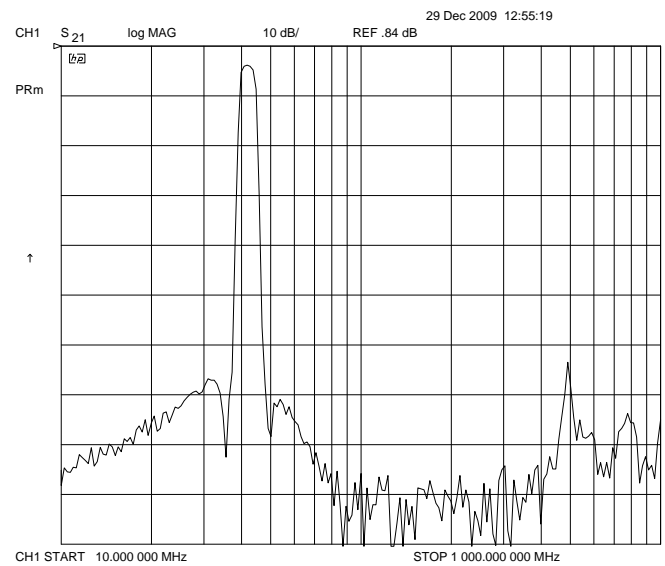
- 42 MHz Center Frequency
- Elliptic Bandpass
- 4 MHz min 3 dB Bandwidth
- 10 MHz max 55 dB Bandwidth
- SMA Connectors
- 50 Ω Source and Load

Typical Performance

Passband Amplitude & Group Delay (1 dB/div and 50 nsec/div)



Overall Response (10 dB/div)



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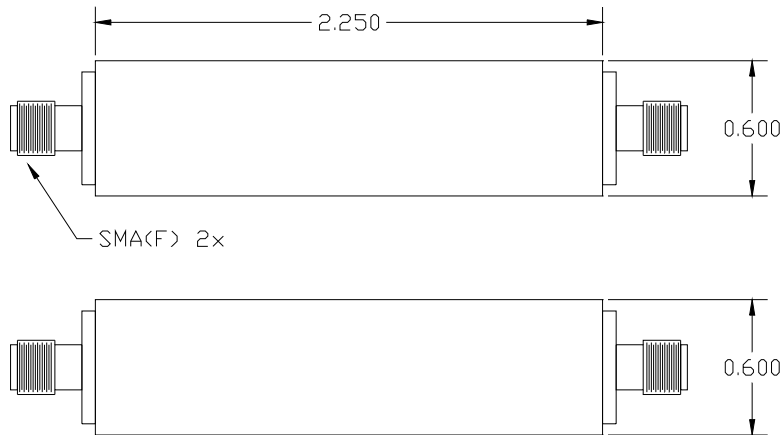
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KR Electronics 2801-SMA

Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	42 MHz
Insertion Loss	< 5 dB (3 dB typical)
3 dB Bandwidth	4 MHz min
Attenuation at 37 MHz	> 55 dB
Attenuation at 47 MHz	> 55 dB
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 1.5" x 0.3"