KR Electronics 2589

General Description

KR 2589 is a 10 MHz bandpass filter. The filter has a minimum 3 dB bandwidth of 2 MHz and is designed for 50 Ω source and load impedance. Other and bandwidths are available. Also available in a surface mount package. Please consult the factory.

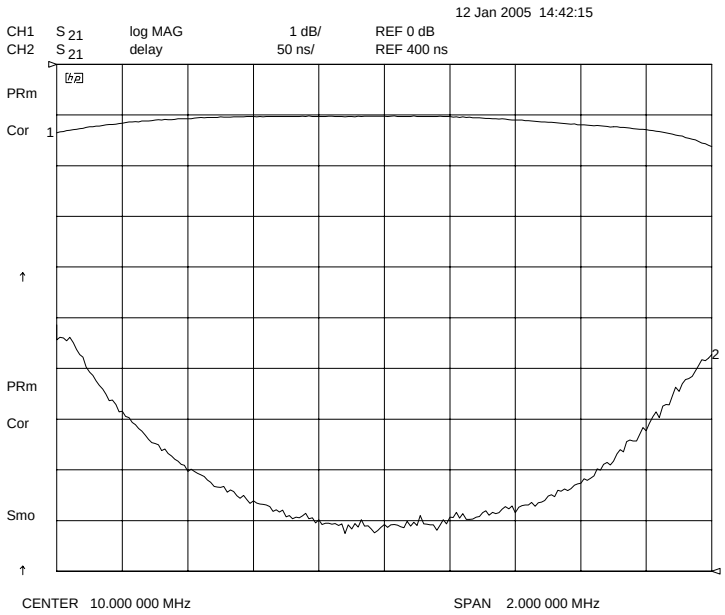
Features

- **10 MHz Bandpass**
- **Sharp transition to stopband**
- **High stopband attenuation**
- **50 Ω**
- **SMA Connectors**

Typical Performance

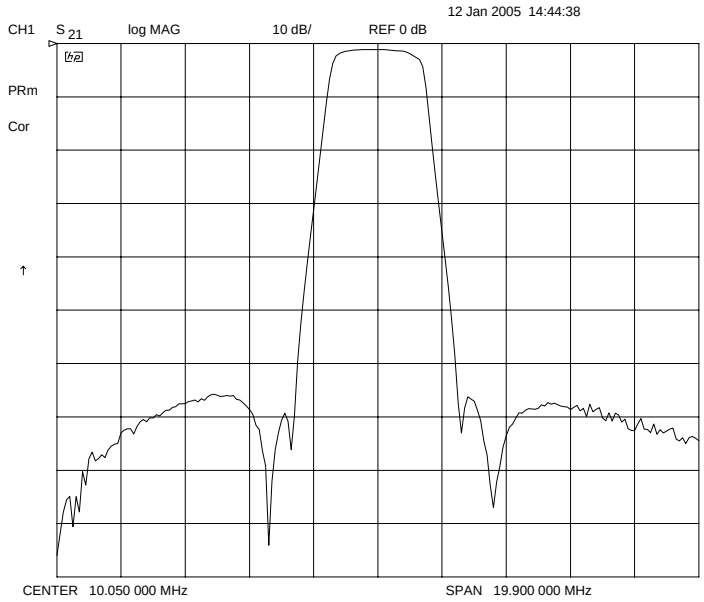
Passband Amplitude & Group Delay

(1 dB/div & 50 nsec/div)



Overall Response

(10 dB/div)



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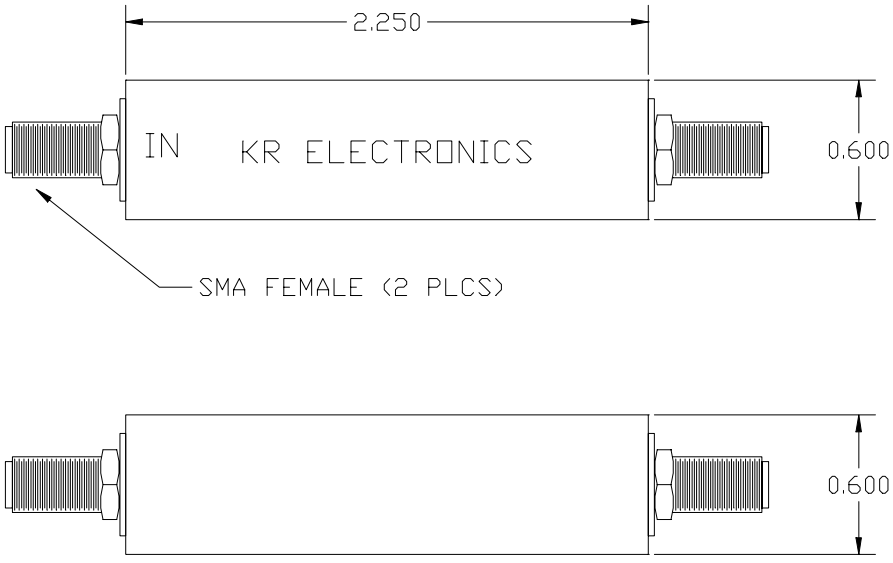
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Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	10 MHz
Insertion Loss	< 3 dB (1 dB typical)
Minimum 3 dB Bandwidth	2 MHz (2.8 MHz typical)
Attenuation at 7.5 MHz & below	> 55 dB (>60 dB typical)
Attenuation at 12.5 MHz & above	> 55 dB (>60 dB typical)
Source & Load	50 Ω

Physical Dimensions



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