

# KR 2543 Bandpass Filter

## General Description

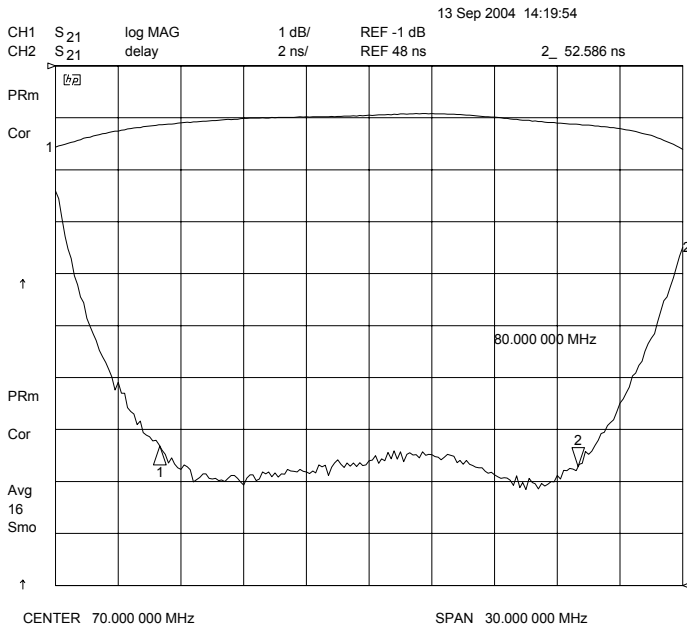
KR 2543 is a 70 MHz surface mount bandpass filter with constant group delay from 60 MHz to 80 MHz. Other center frequencies and bandwidths available. Please consult the factory.

## Features

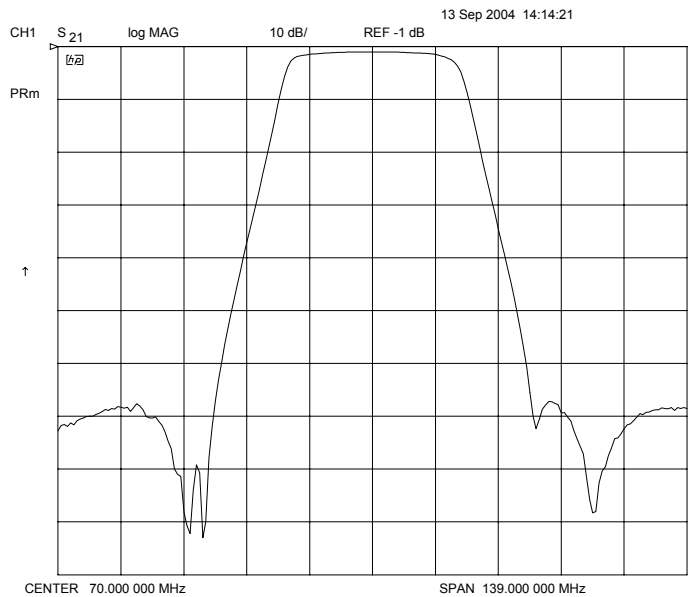
- Surface Mount Package
- Flat Group Delay 60 to 80 MHz
- Sharp Transition to Stopband
- >60 dB Stopband
- 50  $\Omega$  Source and Load

## Typical Performance

**Passband Amplitude & Group Delay**  
(1 dB/div and 2 nsec/div)



**Overall Response**  
(10 dB/div)



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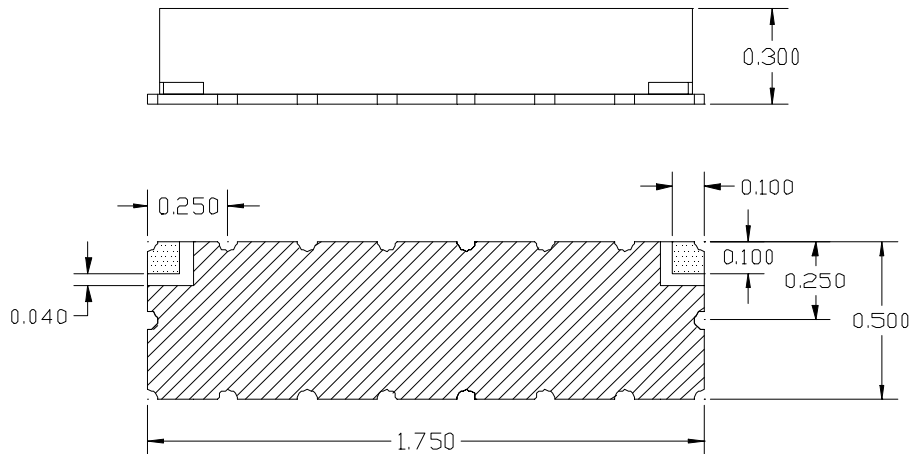
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## KR 2543 Bandpass

### Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	70 MHz
Insertion Loss	< 3 dB (2 dB typical)
Min 1 dB Bandwidth	30 MHz
Max 60 dB Bandwidth	70 MHz
Group Delay Variation 60 MHz to 80 MHz	2 nsec
Source and Load	50 $\Omega$

### Physical Dimensions



#### Notes:

1. Surface mount package — Metal cover, open frame
2. Dimensions in inches
3. Use SN60 or SN63 solder during installation
4. If boards are cleaned after installation, units must be completely dried to remove any entrapped moisture that will effect electrical performance