

# KR Electronics

## General Description

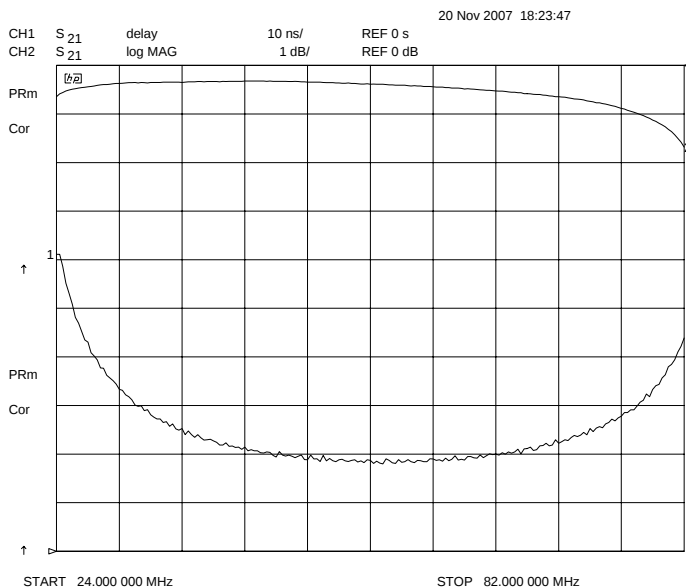
KR 2804 is a 53 MHz surface mount bandpass filter. The filter has a passband from 24 MHz to 82 MHz. Other center frequencies and bandwidths available. Please consult the factory.

## Features

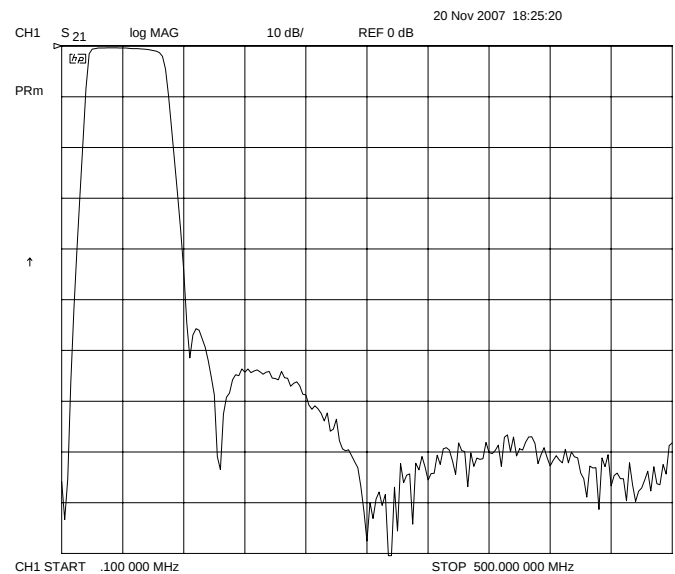
- Surface Mount Package
- Sharp Transition to Stopband
- >40 dB Stopband
- 50  $\Omega$  Source and Load

## Typical Performance

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



### Overall Response (10 dB/div)



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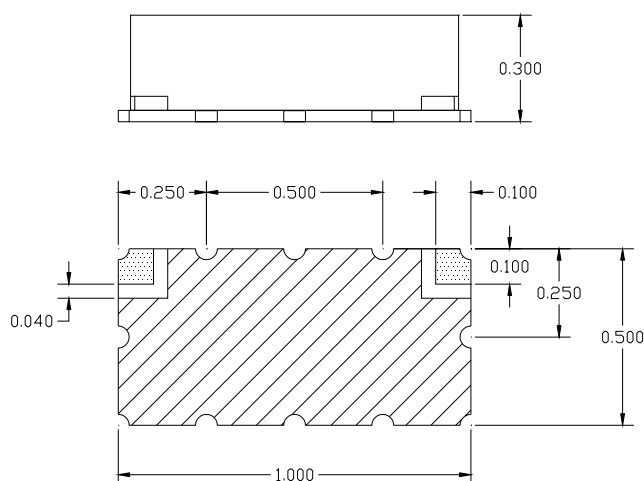
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## KR 2804 Bandpass

### Specifications

| Parameter             | Specification    |
|-----------------------|------------------|
| Filter type           | Bandpass         |
| Center Frequency      | 53 MHz           |
| Insertion Loss        | < 1 dB           |
| Minimum 2 dB Passband | 24 MHz to 82 MHz |
| Attenuation 10 MHz    | > 40 dB          |
| Attenuation 103 MHz   | > 40 dB          |
| Source and Load       | 50 $\Omega$      |
|                       |                  |

### Physical Dimensions



#### Notes:

1. Surface mount package — Metal cover, open frame
2. Dimensions in inches
3. Maximum reflow temperature 209° C for 10 seconds maximum
4. If boards are cleaned after installation, units must be completely dried