

KR Electronics

General Description

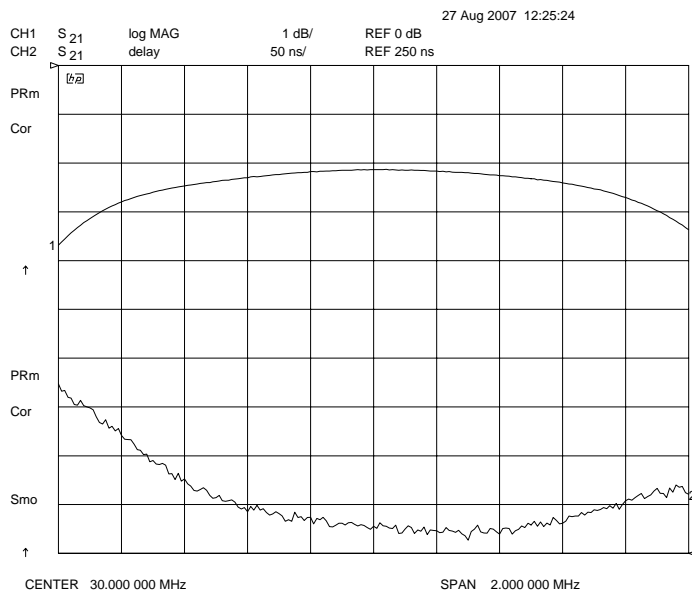
KR 2786-1 is a 30 MHz differential bandpass filter. The filter has a typical 3 dB bandwidth of 2.4 MHz and is designed for a balanced source and load impedance of 100 Ω. Other passband frequencies are available. Please consult the factory.

Features

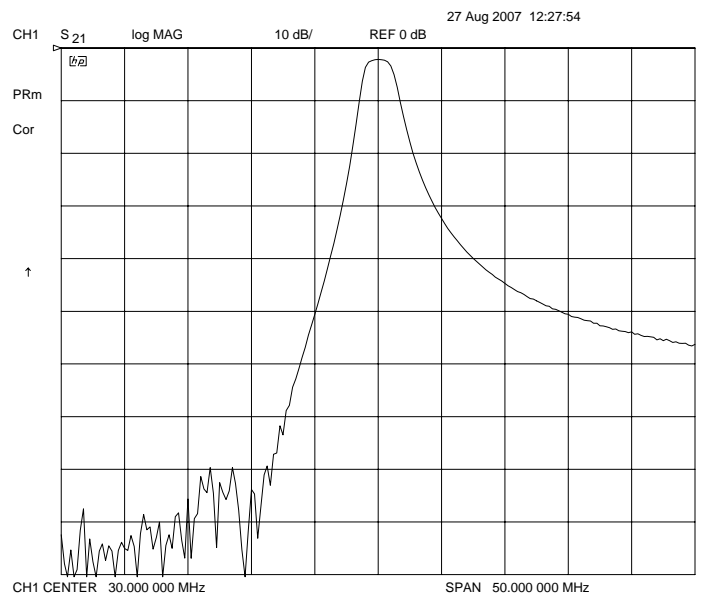
- 30 MHz Center Frequency
- DIP Package
- 100 Ω Differential Source and Load

Typical Performance

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



Overall Response
(10 dB/div)



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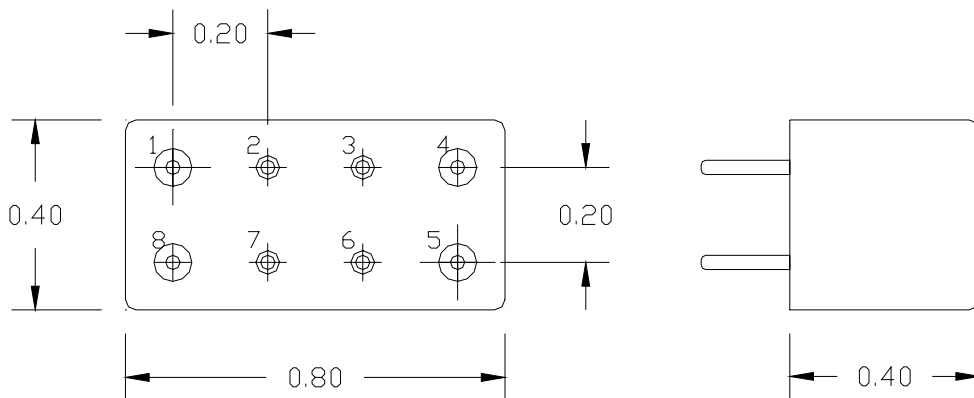
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KR Electronics 2786-1

Specifications

| Parameter | Specification |
|------------------|--------------------|
| Filter type | Bandpass |
| Center Frequency | 30 MHz |
| Insertion Loss | 2 dB typical |
| 3 dB Bandwidth | 2.4 MHz Typical |
| 40 dB Bandwidth | 12.5 MHz Typical |
| Source and Load | 100 Ω Differential |
| | |
| | |
| | |

Physical Dimensions



NOTES:

1. FILTER IS BI-DIRECTIONAL
2. ALL PINS ARE 0.030" DIA
3. DIMENSIONS ARE IN INCHES

- Pin 1—IN
Pin 8—IN
Pin 4—OUT
Pin 5—OUT

Connect all remaining pins to GND (also connected to Case)