

# KR Electronics

## General Description

KR 2786-5 is a 43.875 MHz differential bandpass filter. The filter has a typical 3 dB bandwidth of 2.7 MHz and is designed for a balanced source and load impedance of 100  $\Omega$ . Other passband frequencies are available. Please consult the factory.

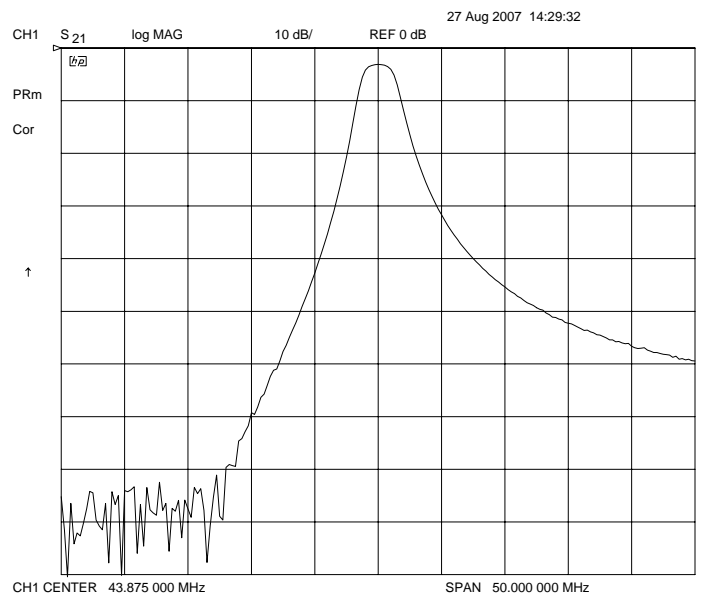
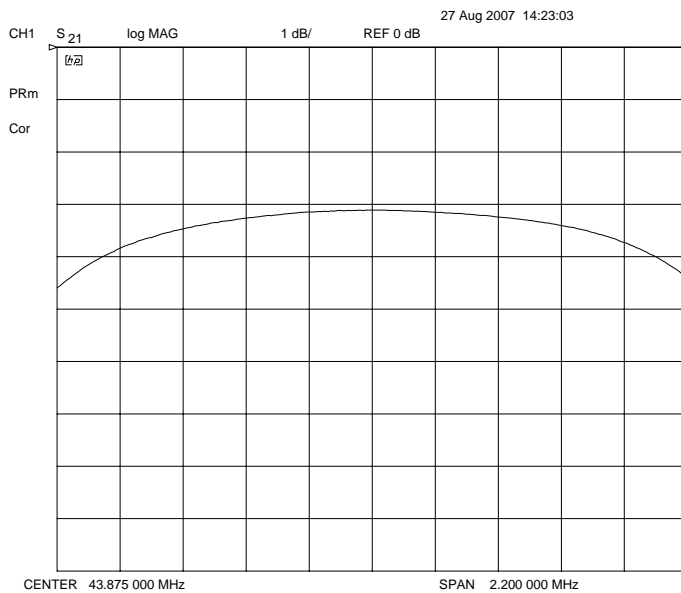
### Features

- 43.875 MHz Center Frequency
- DIP Package
- 100  $\Omega$  Differential Source and Load

## Typical Performance

**Passband Amplitude**  
(1 dB/div)

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



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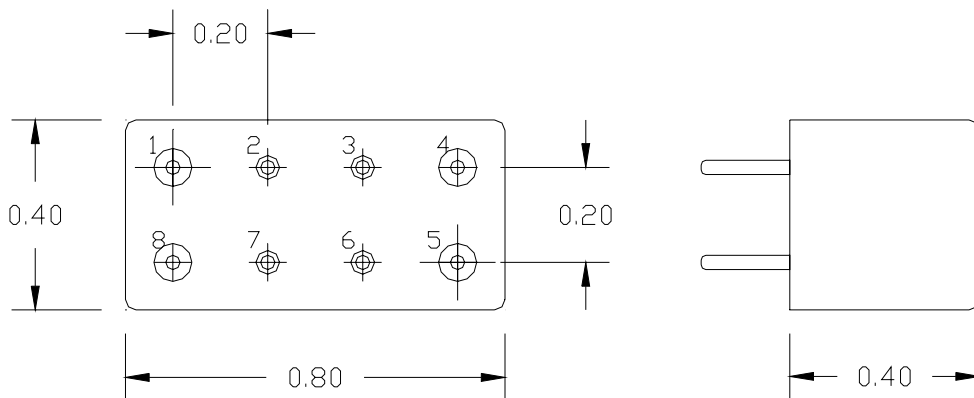
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# KR Electronics 2786-5

## Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	43.875 MHz
Insertion Loss	3 dB typical
3 dB Bandwidth	2.7 MHz Typical
40 dB Bandwidth	14 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)