

# KR Electronics

## General Description

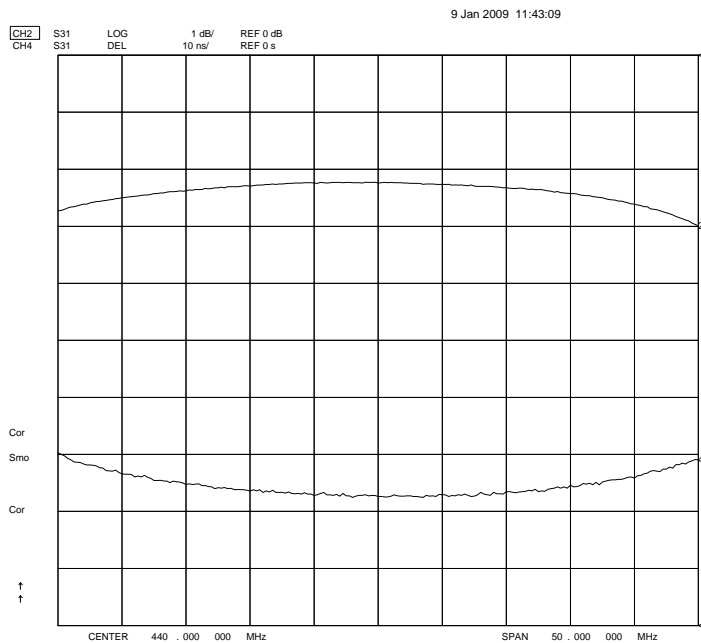
KR 2881 is a 440 MHz bandpass filter. The filter has a minimum 3 dB bandwidth of 50 MHz (typically 70 MHz). The typical 60 dB bandwidth is 120 MHz. Other passband frequencies are available. Please consult the factory.

### Features

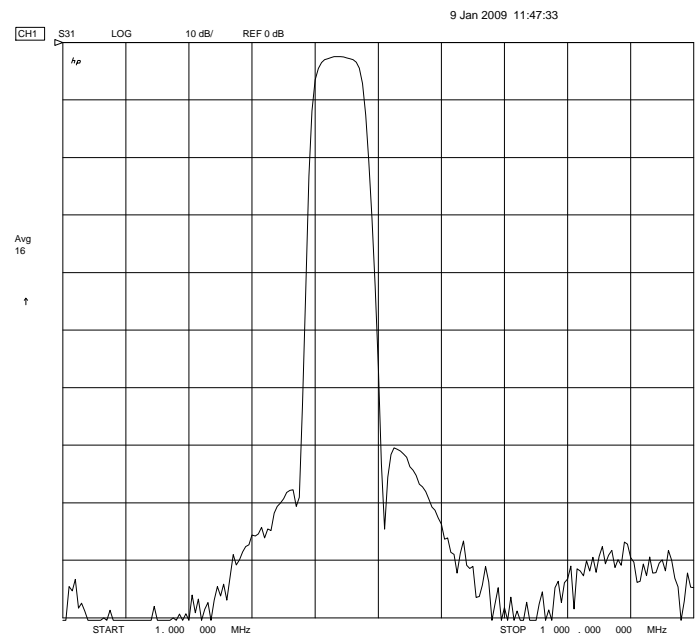
- 440 MHz Center Frequency
- 3 dB Bandwidth 50 MHz minimum
- Sharp Transition to the Stopband
- Surface mount
- 50  $\Omega$  Source and Load

## Typical Performance

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



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



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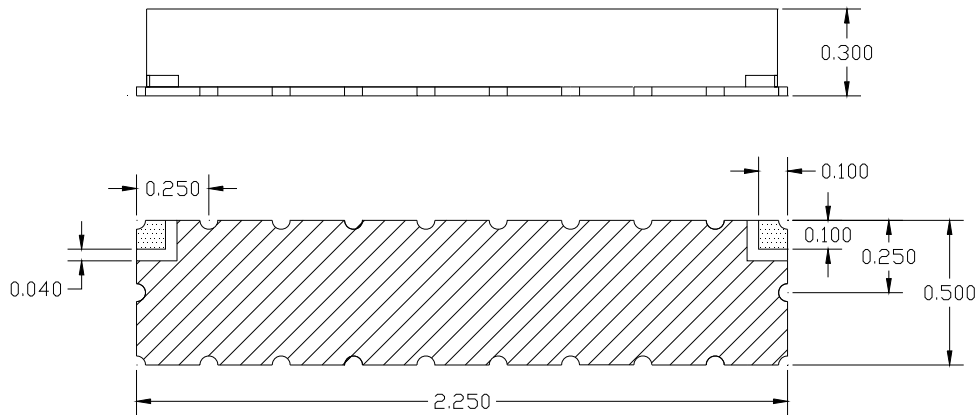
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# KR Electronics 2881

## Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	440 MHz
Insertion Loss	< 3.5 dB (2.5 dB typical)
3 dB Bandwidth	> 50 MHz (70 MHz typical)
Attenuation at 378 MHz	> 60 dB
Attenuation at 505 MHz	> 60 dB
60 dB bandwidth	120 MHz typical
Source and Load	50 $\Omega$

## Physical Dimensions



**Notes:**

1. Surface mount package — Metal cover
2. Dimensions in inches
3. Maximum reflow temperature is 230° C for 10 sec maximum.
4. If boards are cleaned after installation, dry units completely.