

KR Electronics

General Description

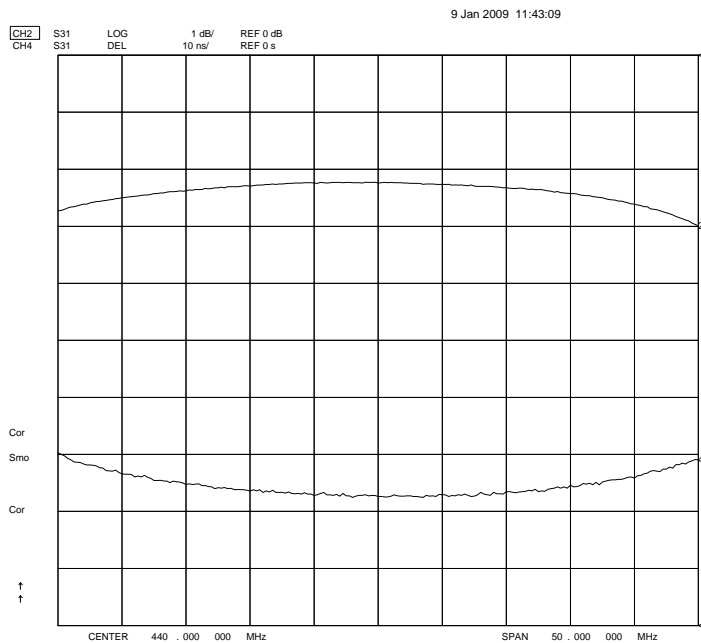
KR 2881 is a 440 MHz bandpass filter. The filter has a minimum 3 dB bandwidth of 50 MHz (typically 70 MHz). The typical 60 dB bandwidth is 120 MHz. Other passband frequencies are available. Please consult the factory.

Features

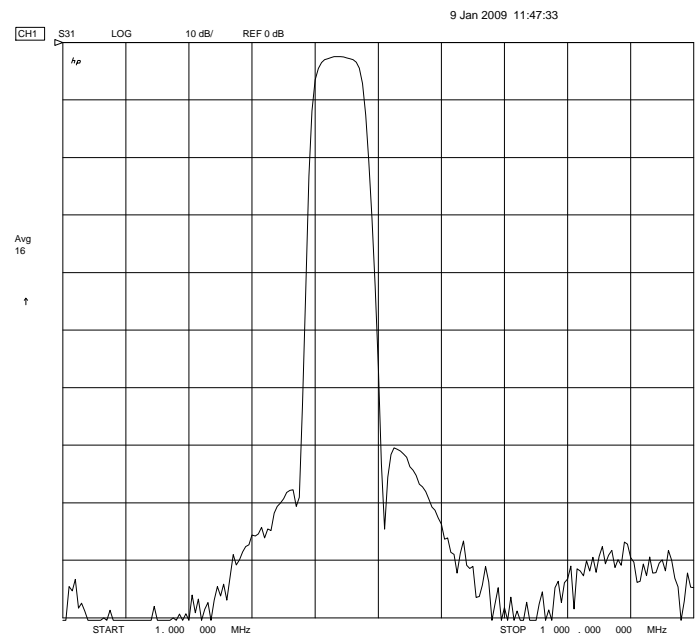
- 440 MHz Center Frequency
- 3 dB Bandwidth 50 MHz minimum
- Sharp Transition to the Stopband
- Surface mount
- 50 Ω Source and Load

Typical Performance

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



Overall Response
(10 dB/div)



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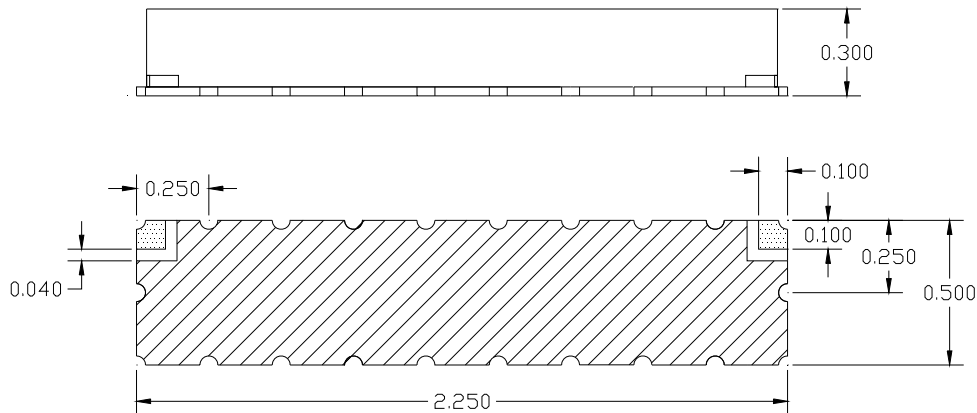
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Specifications

| 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 Ω |

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.