

KR Electronics

General Description

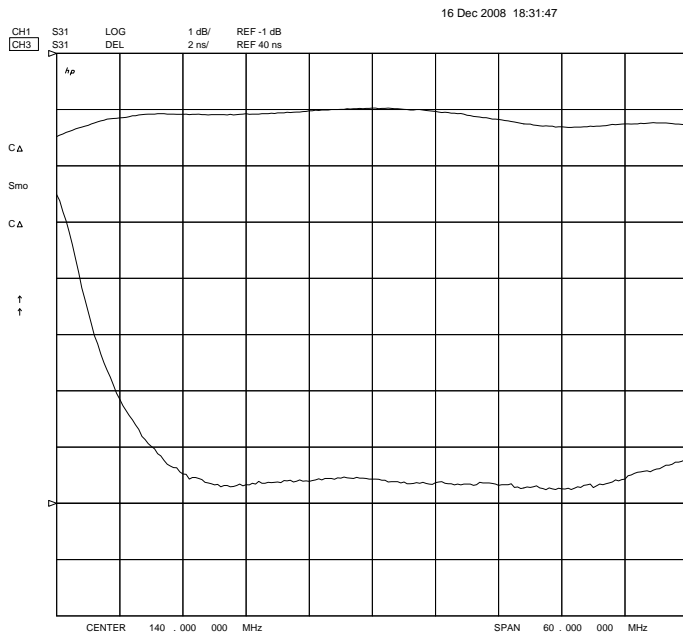
KR 2879 is a 140 MHz group delay equalized bandpass filter. The filter has a passband from 110 MHz to 170 MHz. Other passband frequencies are available. Please consult the factory.

Features

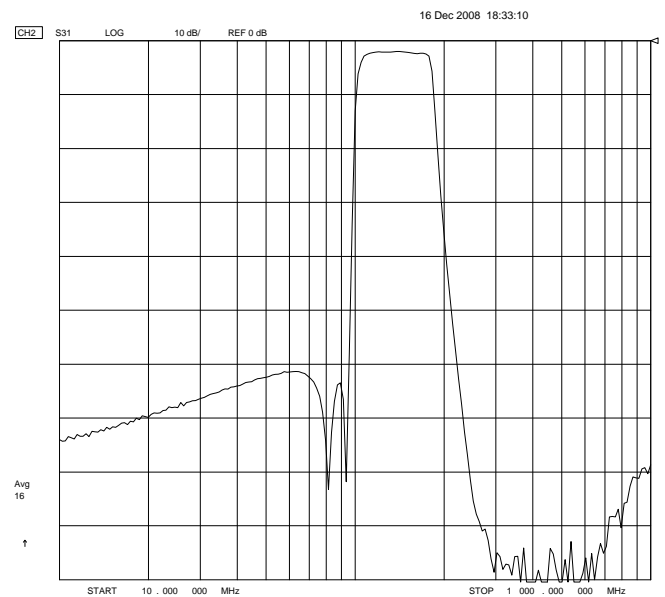
- 140 MHz Center Frequency
- Sharp Transition to Stopband
- Group Delay Equalized
- 50 Ω Source and Load

Typical Performance

Passband Amplitude & Group Delay
(1 dB/div and 2 nsec/div)



Overall Response
(10 dB/div)



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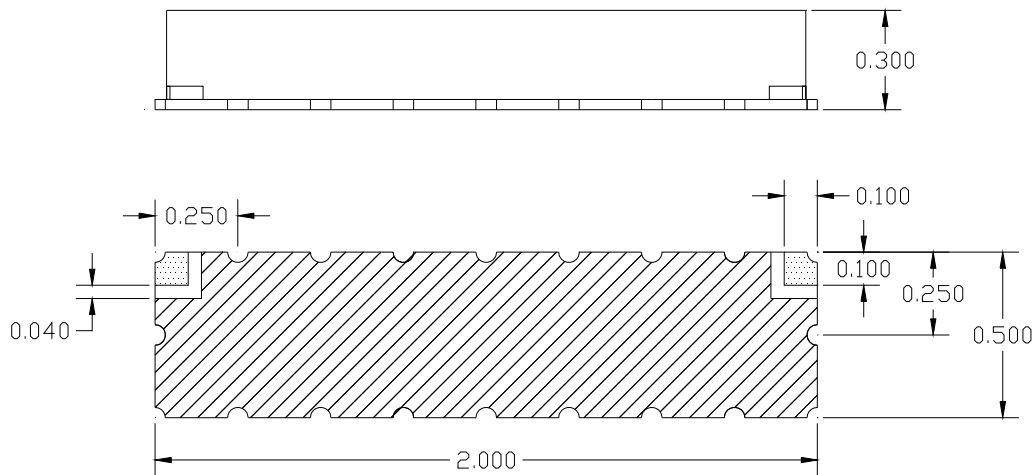
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KR Electronics 2879

Specifications

| Parameter | Specification |
|---|-------------------------|
| Filter type | Bandpass |
| Insertion Loss | < 5 dB (3 dB typical) |
| Passband (< 2 dB) | 110 MHz to 170 MHz |
| Passband Ripple | < 1 dB |
| Passband Group Delay Ripple 120 MHz to 160 MHz | < 3 nsec |
| Attenuation at 95 MHz | > 50 dB |
| Attenuation at 239 MHz | > 50 dB |
| Source and Load | 50 Ω |

Physical Dimensions



Notes:

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