

KR 2617-1 Bandpass Filter

General Description

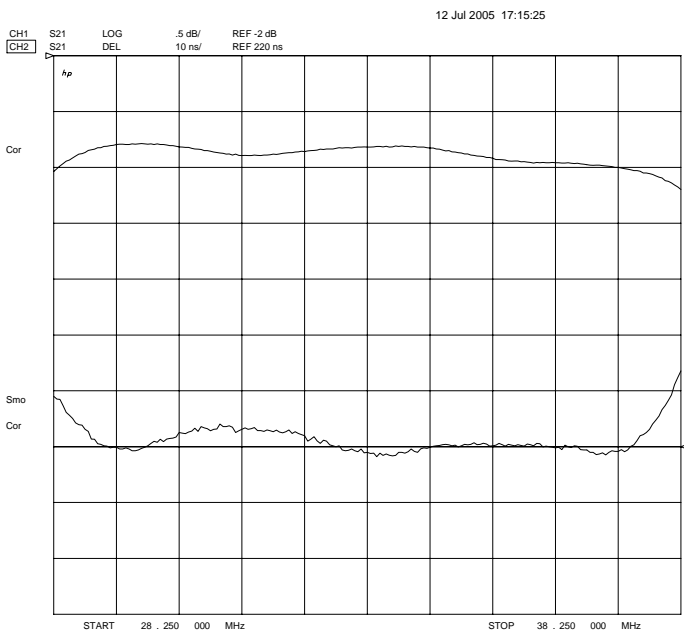
KR 2617-1 is a 33.25 MHz group delay equalized surface mount bandpass filter. Other center frequencies and bandwidths available. Please consult the factory.

Features

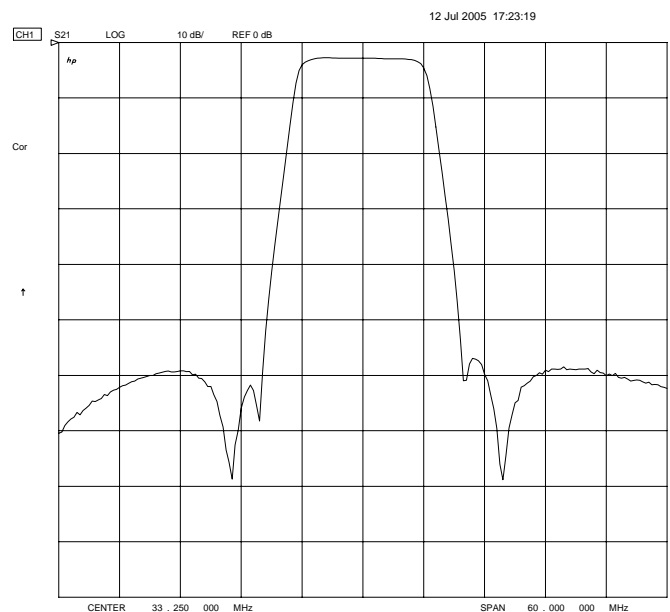
- Surface Mount Package
- Sharp Transition to Stopband
- Group Delay Equalized
- >50 dB Stopband
- 50 Ω Source and Load

Typical Performance

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



Overall Response
(10 dB/div)



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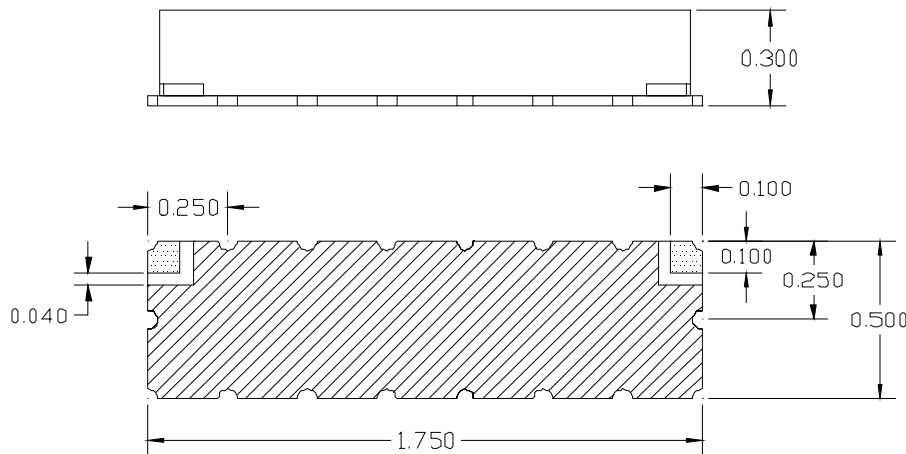
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KR 2617-1 Bandpass

Specifications

| Parameter | Specification |
|---------------------|-------------------------|
| Filter type | Bandpass |
| Center Frequency | 33.25 MHz |
| Insertion Loss | < 6 dB (< 3 dB typical) |
| Min 1 dB Bandwidth | 10 MHz |
| Max 50 dB Bandwidth | 21 MHz |
| Source and Load | 50 Ω |
| | |
| | |
| | |

Physical Dimensions



Notes:

1. Surface mount package — Metal cover, open frame
2. Dimensions in inches
3. Use SN60 or SN63 solder during installation max reflow temperature is 205° C for 15 sec maximum
4. If boards are cleaned after installation, units must be completely dried to remove any entrapped moisture that will effect electrical performance