

KR Electronics, Inc. 2617-4 Bandpass

General Description

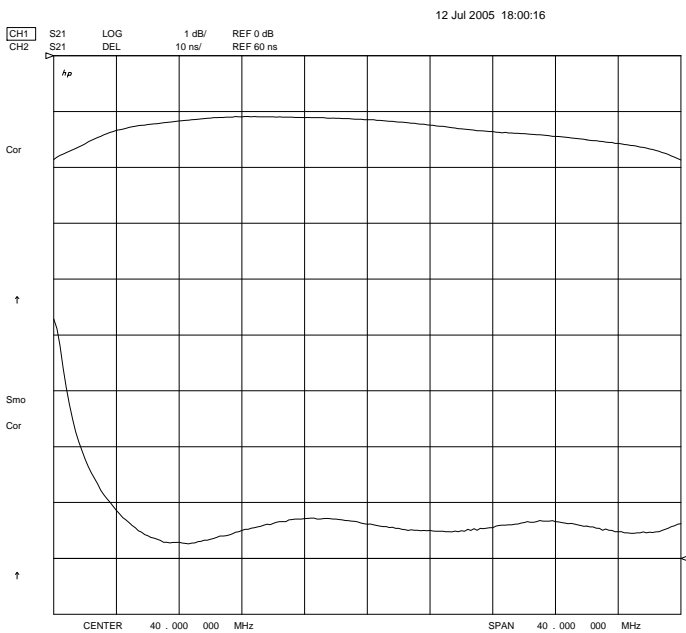
KR 2617-4 is a 40 MHz group delay equalized surface mount bandpass filter. Other center frequencies and bandwidths available. Please consult the factory.

Features

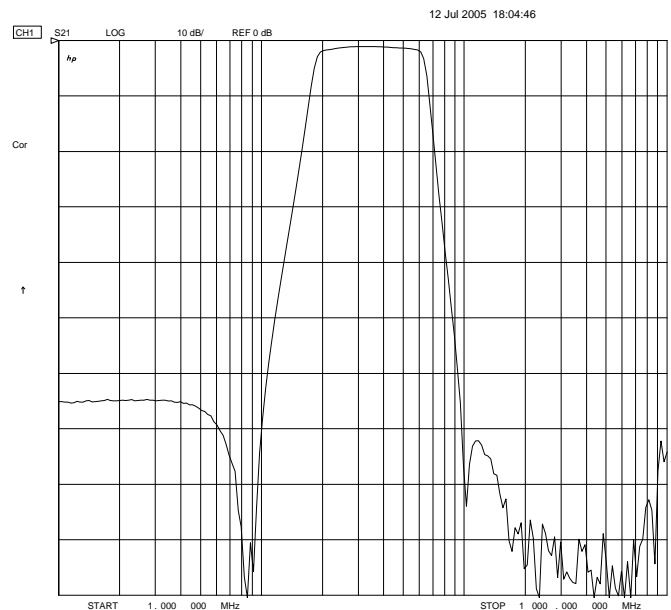
- Surface Mount Package
- Sharp Transition to Stopband
- Group Delay Equalized
- > 60 dB Stopband
- 50 Ω Source and Load

Typical Performance

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



Overall Response
(10 dB/div)



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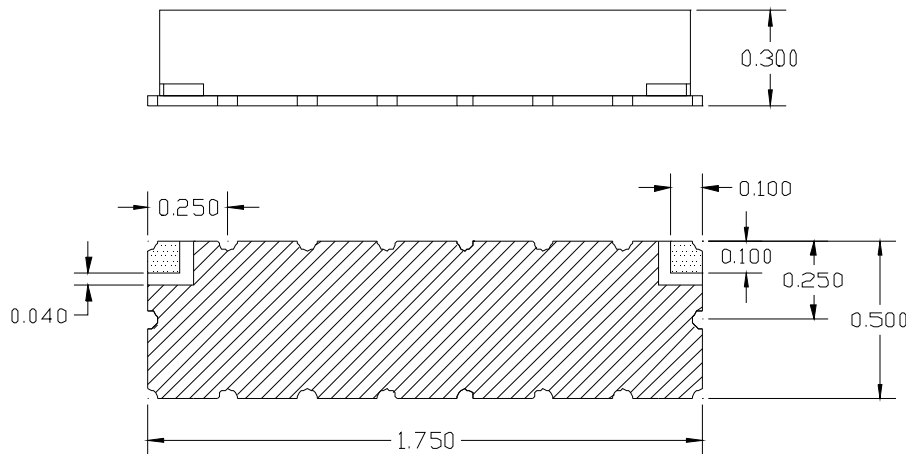
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KR 2617-4 Bandpass

Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	40 MHz
Insertion Loss	< 3 dB (< 1.5 dB typical)
Min 1.5 dB Bandwidth	40 MHz min
Max 60 dB Bandwidth	90 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