

KR Electronics

General Description

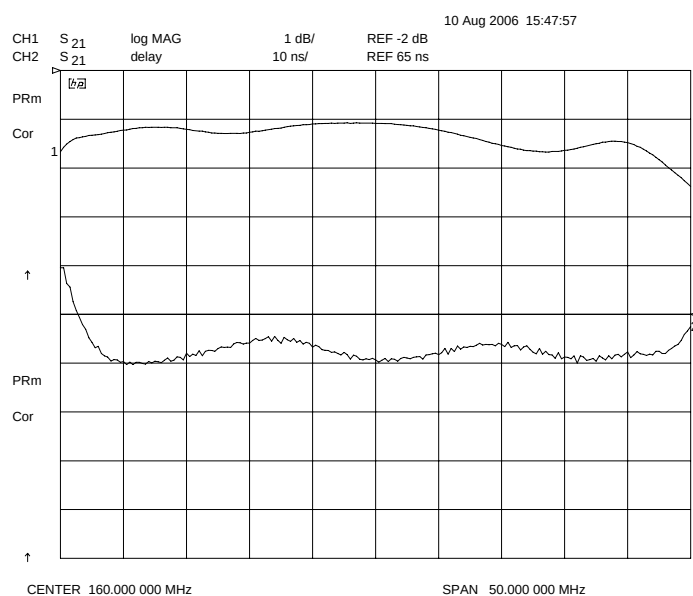
KR 2708 is a 160 MHz surface mount bandpass filter. The filter has a minimum 2 dB bandwidth of 50 MHz and group delay equalization. Other passband frequencies are available. Please consult the factory.

Features

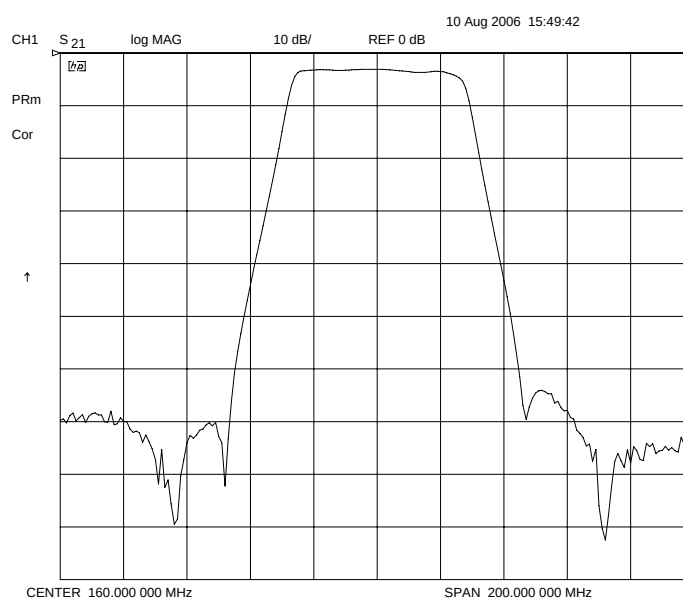
- Surface Mount Package
- Group Delay Equalization
- Sharp Transition to Stopband
- 50 dB Stopband
- 50 Ω Source and Load

Typical Performance

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



Overall Response (10 dB/div)



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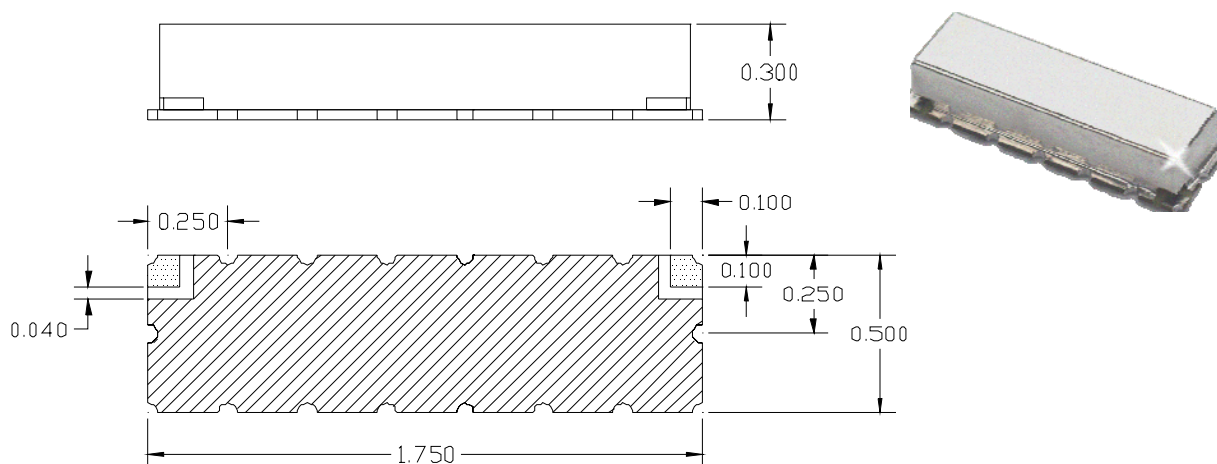
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KR Electronics 2708

Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	160 MHz
Insertion Loss	< 5 dB (3 dB typical)
2 dB Bandwidth	50 MHz min
Attenuation at 116 MHz	> 50 dB
Attenuation at 204 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 209° C for 10 sec maximum
4. If boards are cleaned after installation, units must be completely dried