

KR Electronics

General Description

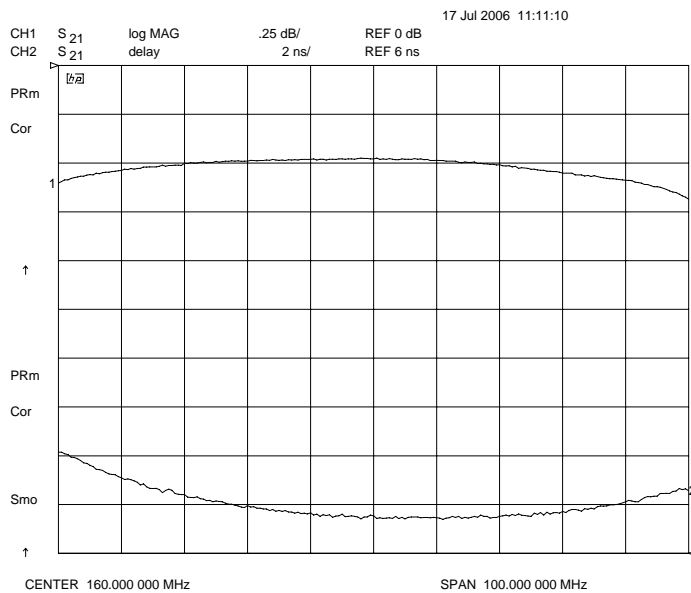
KR 2704 is a 160 MHz surface mount bandpass filter. The filter has a minimum 0.35 dB bandwidth of 100 MHz. Other passband frequencies are available. Please consult the factory.

Features

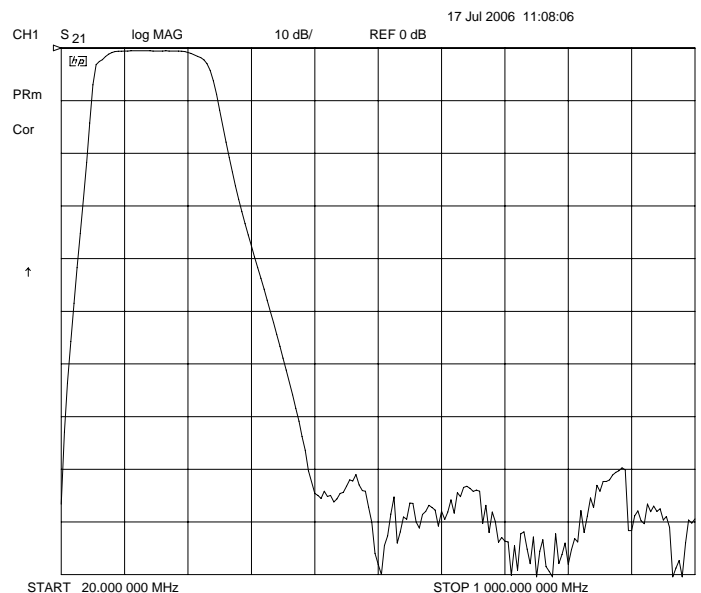
- Surface Mount Package
- Sharp Transition to Stopband
- 80 dB Stopband
- 50 Ω Source and Load

Typical Performance

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



Overall Response
(10 dB/div)



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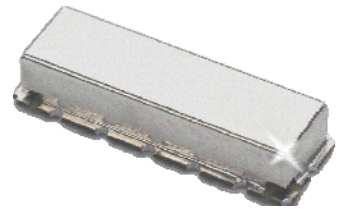
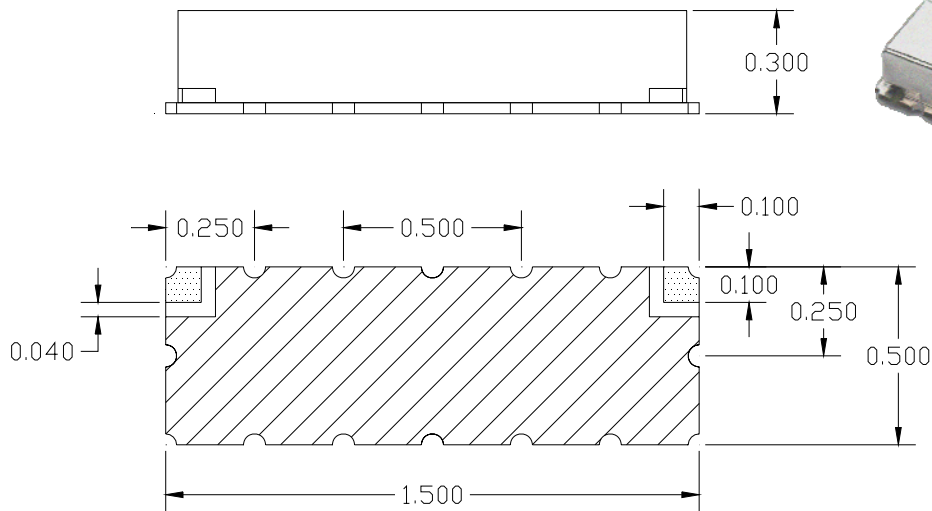
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KR Electronics 2704

Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	160 MHz
Insertion Loss	< 2 dB (0.5 dB typical)
0.35 dB Bandwidth	100 MHz min
Attenuation at 20 MHz	40 dB min (80 dB typical)
Attenuation at 420 MHz	80 dB min
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
4. If boards are cleaned after installation, units must be completely dried