

KR Electronics

General Description

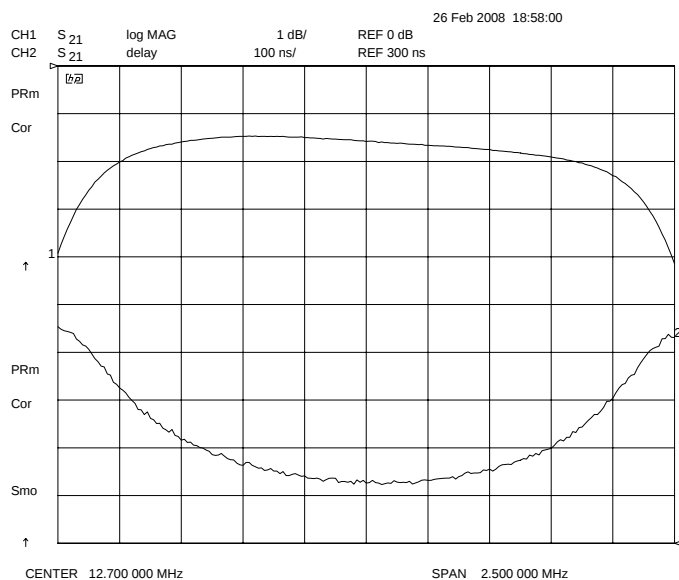
KR 2820-12.7 is a 12.7 MHz surface mount bandpass filter. The filter has a 3 dB bandwidth of 2.5 MHz. Other passband frequencies are available. Please consult the factory.

Features

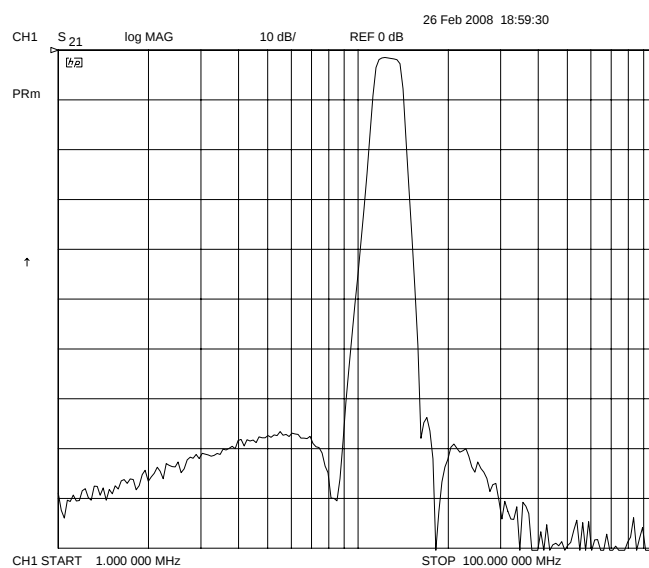
- 12.7 MHz Center Frequency
- Surface Mount Package
- 50 Ω Source and Load

Typical Performance

Passband Amplitude & Group Delay (1 dB/div and 100 nsec/div)



Overall Response (10 dB/div)



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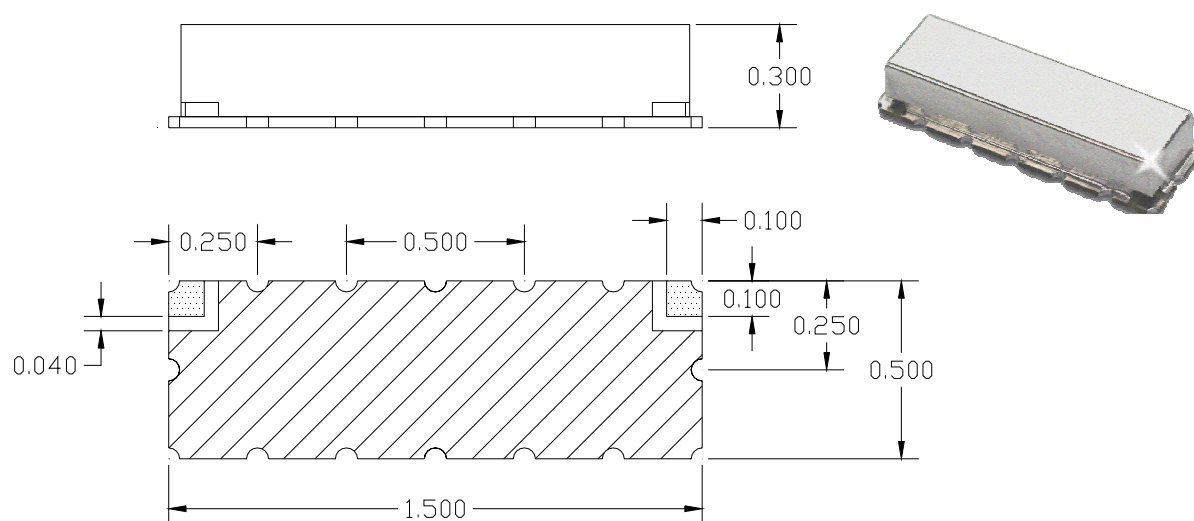
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KR Electronics 2820-12.7

Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	12.7 MHz
Insertion Loss	< 3.5 dB (< 2 dB typical)
Attenuation at 11.45 MHz	3 dB $\pm$ 1 dB
Attenuation at 13.95 MHz	3 dB $\pm$ 1 dB
Attenuation at 8.95 MHz	> 60 dB
Attenuation at 16.45 MHz	> 60 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 209° C for 10 seconds maximum
4. If boards are cleaned after installation, units must be completely dried