

KR Electronics

General Description

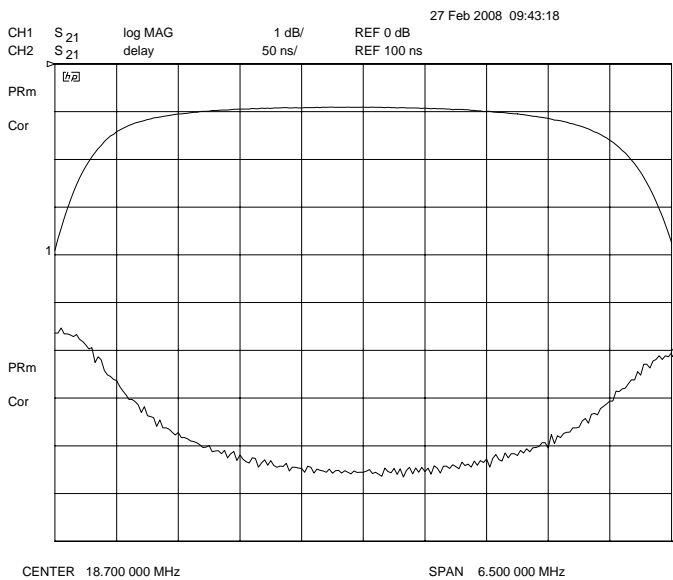
KR 2820-18.7 is a 18.7 MHz surface mount bandpass filter. The filter has a 3 dB bandwidth of 6.5 MHz. Other passband frequencies are available. Please consult the factory.

Features

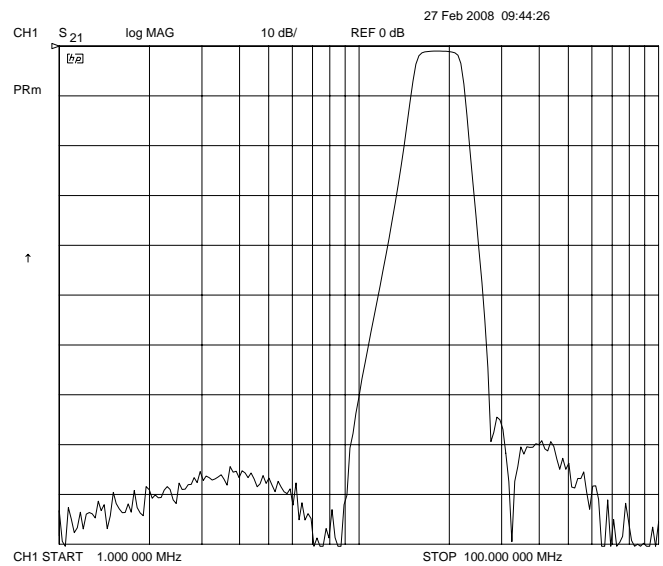
- 18.7 MHz Center Frequency
- Surface Mount Package
- 50 Ω Source and Load

Typical Performance

Passband Amplitude & Group Delay
(1 dB/div and 50 nsec/div)



Overall Response
(10 dB/div)



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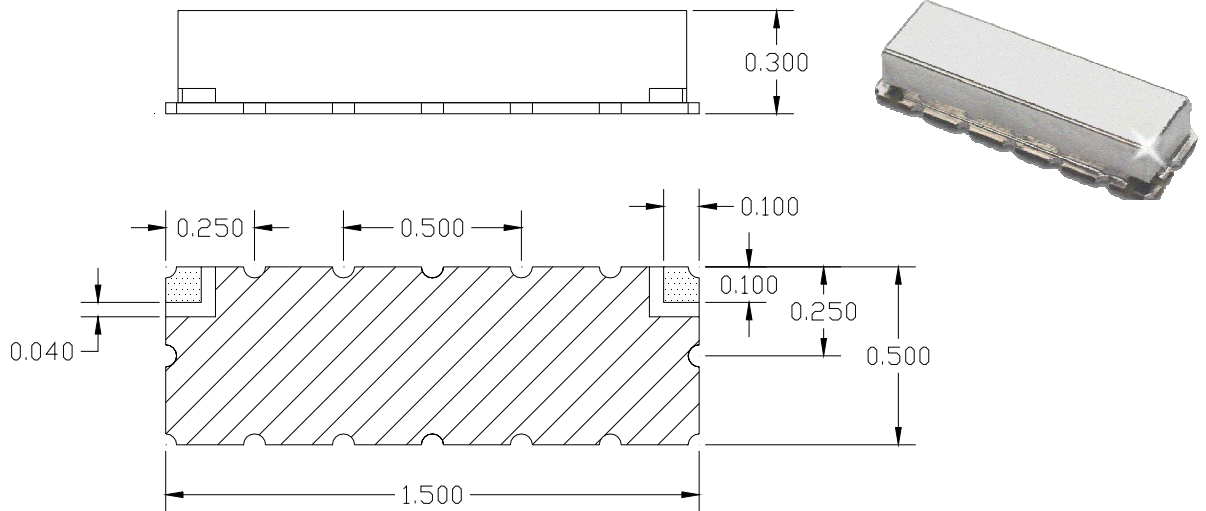
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KR Electronics 2820-18.7

Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	18.7 MHz
Insertion Loss	< 2.5 dB (1 dB typical)
Attenuation at 15.45 MHz	3 dB \pm 1 dB
Attenuation at 21.95 MHz	3 dB \pm 1 dB
Attenuation at 8.95 MHz	> 60 dB
Attenuation at 28.45 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