

KR Electronics

General Description

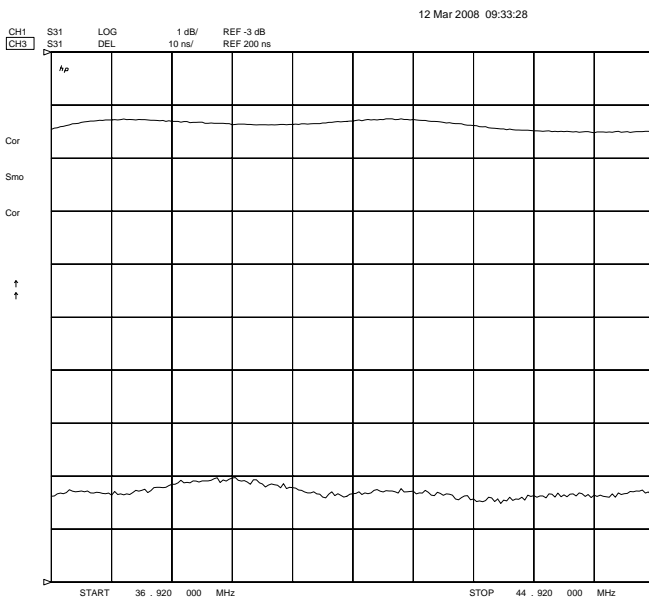
KR 2821 is a 40.92 MHz surface mount bandpass filter. The filter has a minimum 1 dB bandwidth of 8 MHz. Other passband frequencies are available. Please consult the factory.

Features

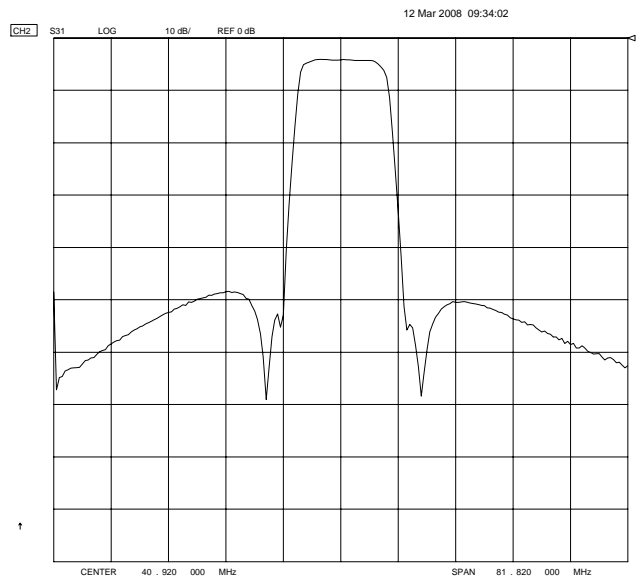
- 40.92 MHz Center Frequency
- Group Delay Equalized
- Surface Mount Package
- 50 Ω Source and Load

Typical Performance

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



Overall Response
(10 dB/div)



KR Electronics, Inc.
91 Avenel Street
Avenel, NJ 07001

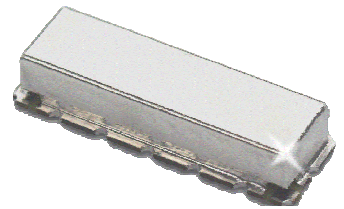
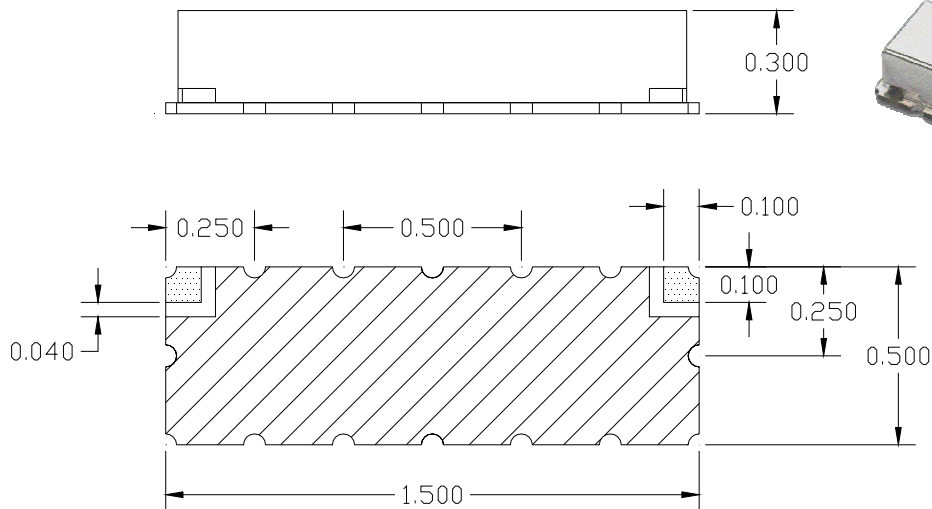
Web www.krfilters.com
Email sales@krfilters.com
Phone (732) 636-1900
Fax (732) 636-1982

KR Electronics 2821

Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	40.92 MHz
Insertion Loss	< 6.5 dB (4.5 dB typical)
Attenuation at 36.92 MHz	< 1 dB
Attenuation at 44.92 MHz	< 1 dB
Attenuation at 32.80 MHz	> 40 dB
Attenuation at 49.80 MHz	> 40 dB
Group Delay Variation 36.92 to 44.92 MHz	< 10 nsec
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