

KR Electronics

General Description

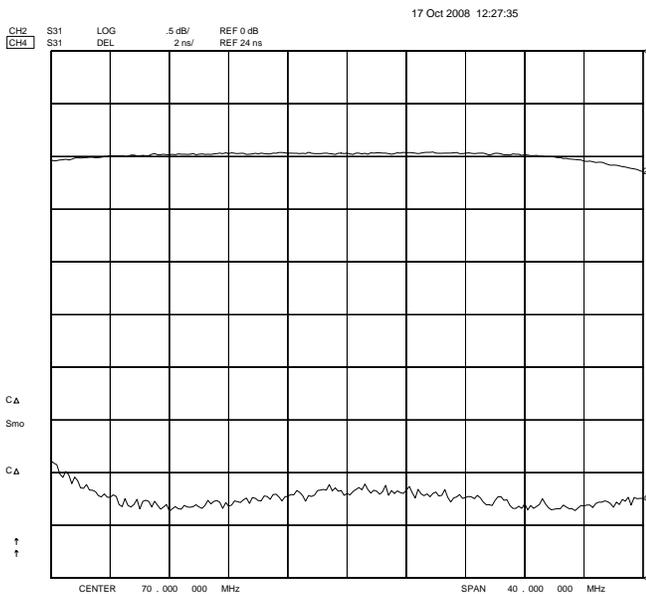
KR 2818-2 is a 70 MHz bandpass filter. The filter has a minimum 0.35 dB bandwidth of 40 MHz. Passband group delay variation is less than 2.5 nsec. Other passband frequencies are available. Please consult the factory.

Features

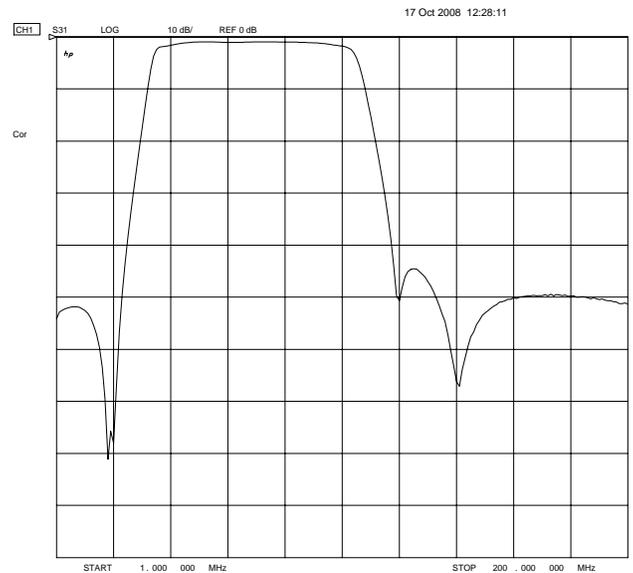
- 70 MHz Center Frequency
- 40 MHz 0.35 Bandwidth
- Flat Passband Group Delay
- Surface mount
- 50 Ω Source and Load

Typical Performance

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



Overall Response
(10 dB/div)



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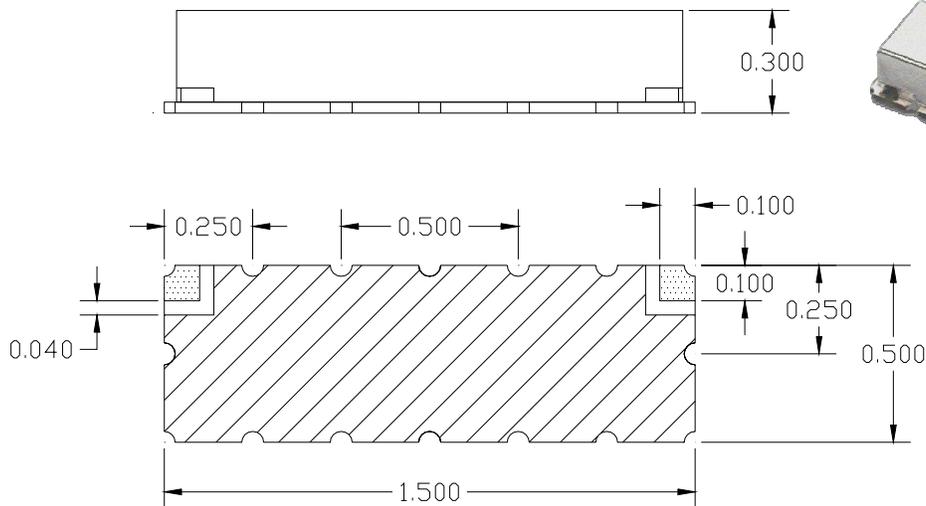
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KR Electronics 2818-2

Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	70 MHz
Insertion Loss	< 2 dB (1 dB typical)
Attenuation at 50 MHz	< 0.35 dB
Attenuation at 90 MHz	< 0.35 dB
Attenuation at 21 MHz	> 35 dB
Attenuation at 118 MHz	> 35 dB
Group Delay Variation 50 to 90 MHz	< 2.5 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