KR Electronics, Inc.

General Description

KR 2822 is a 184.14 MHz surface mount bandpass filter. Other center frequencies and bandwidths available. Please consult the factory.

Features

- Surface Mount Package
- Typical 3 dB BW, 34 MHz
- 50 Ω Source and Load

Typical Performance

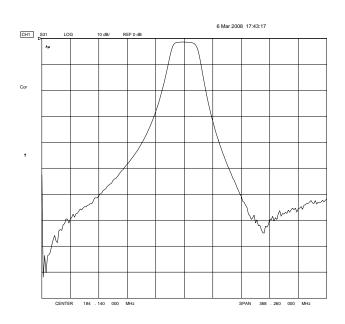
Passband Amplitude & Group Delay

(1 dB/div & 10 nsec/div)

6 Mar 2008 17:45:30 CA CA CENTER 184 . 140 000 MHz CHI SS1 LOG 1 dB/ REF 0 dB CENTER 184 . 140 000 MHz CENTER 184 . 140 000 MHz CA 6 Mar 2008 17:45:30 6 Mar 2008 17:45:30 CENTER 184 . 140 000 MHz SPAN 40 . 000 000 MHz

Overall Response

(10 dB/div)



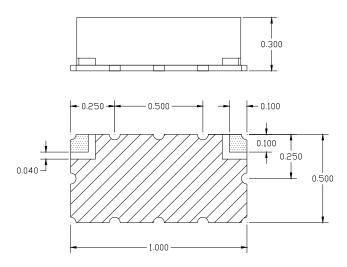
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KR 2822 Bandpass

Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	184.14 MHz
Insertion Loss	< 3 dB (1.5 dB typical)
Minimum 3 dB Passband	14 MHz (34 MHz typical)
Attenuation 104 MHz	> 40 dB
Source and Load	50 Ω

Physical Dimensions



Notes:

- 1. Surface mount package Metal cover, open frame
- 2. Dimensions in inches
- 3. Max reflow temperature 209° C for 10 sec
- 4. If boards are cleaned after installation, units must be completely dried

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