

KR Electronics 2654 Bandpass Filter

General Description

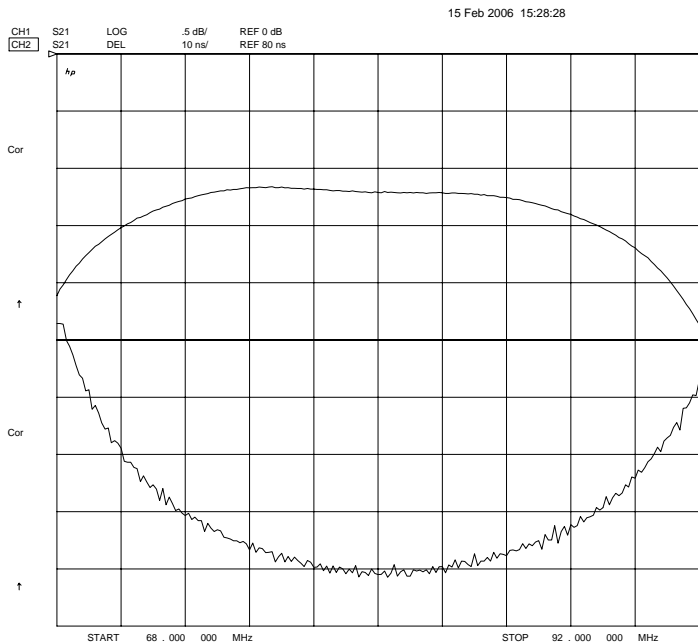
KR 2654 is a 80 MHz surface mount bandpass filter. It has a typical 3 dB bandwidth of 28 MHz and 40 dB bandwidth of 36 MHz. Other center frequencies and bandwidths available. Please consult the factory.

Features

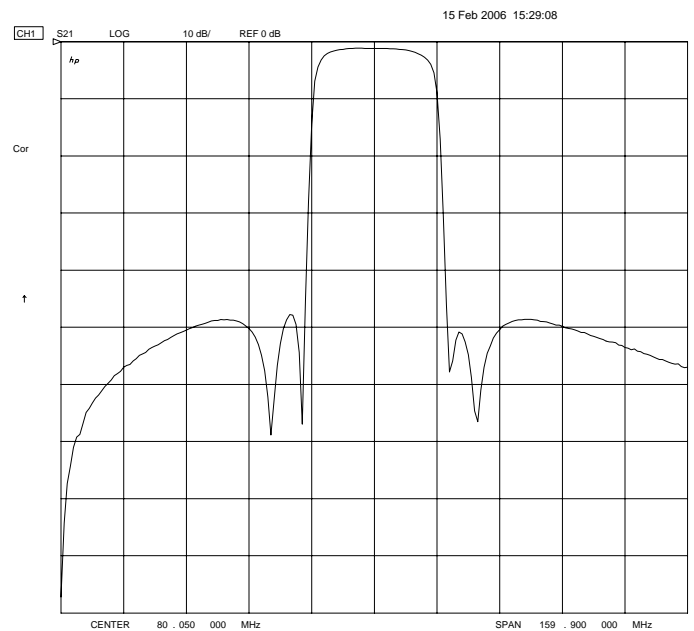
- Surface Mount Package
- Sharp Transition to Stopband
- 50 Ω Source and Load

Typical Performance

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



Overall Response
(10 dB/div)



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

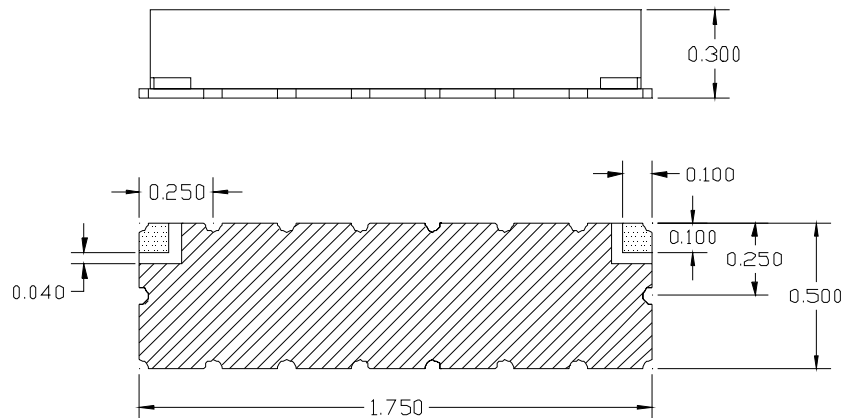
Web www.krfilters.com
Email sales@krfilters.com
Phone (732) 636-1900
Fax (732) 636-1982

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Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	80 MHz
Insertion Loss	< 2 dB (< 1.25 dB typical)
Bandwidth (1 dB)	22.5 MHz min (23.6 typical)
Bandwidth (3 dB)	27 MHz min (28.5 typical)
Bandwidth (40 dB)	37 MHz max (35.5 typical)
Source and Load	50 Ω

Physical Dimensions



Notes:

1. Surface mount package — Metal cover (can also be supplied in a package with SMA Connectors)
2. Dimensions in inches
3. Use SN60 or SN63 solder during installation. Maximum reflow temperature is 209° C for 15 sec maximum.
4. If boards are cleaned after installation, units must be completely dried to remove moisture.