

KR 2579 Bandpass Filter

General Description

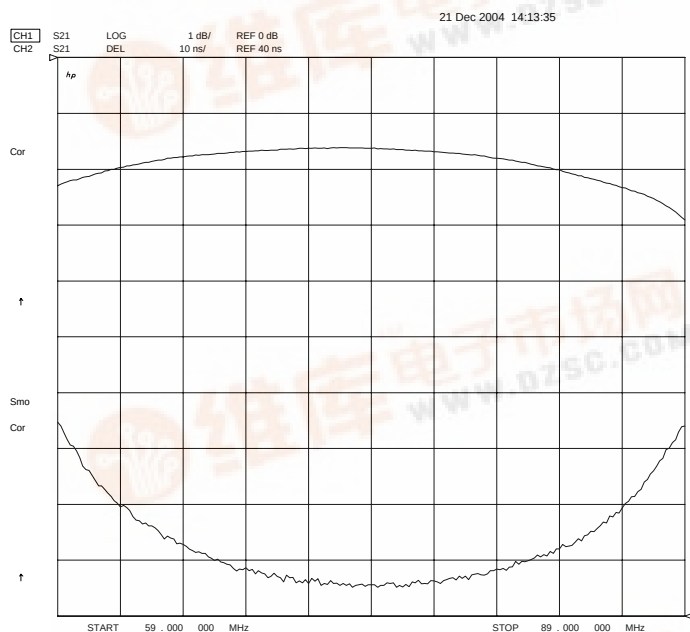
KR 2579 is a 60MHz to 88 MHz surface mount bandpass filter. The filter has >80 dB rejection below 40 MHz & above 108 MHz. Other center frequencies and bandwidths available. Please consult the factory.

Features

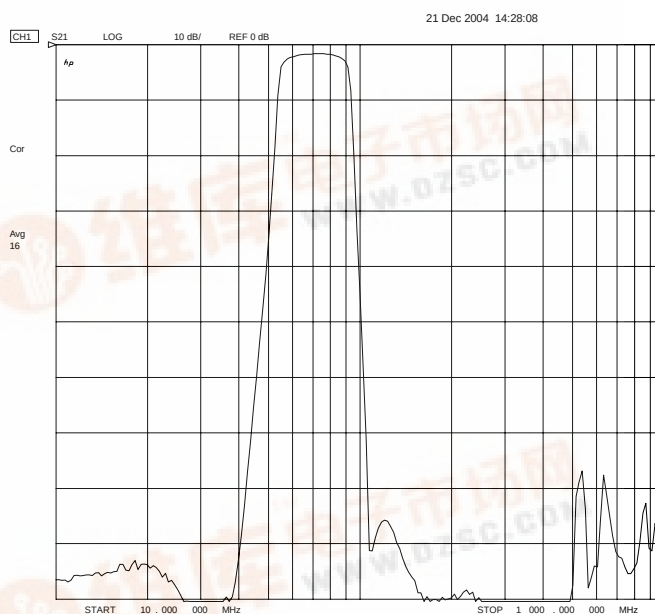
- Surface Mount Package
- Sharp Transition to Stopband
- > 80 dB Stopband
- 50 Ω Source and Load

Typical Performance

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



Overall Response (10 dB/div)



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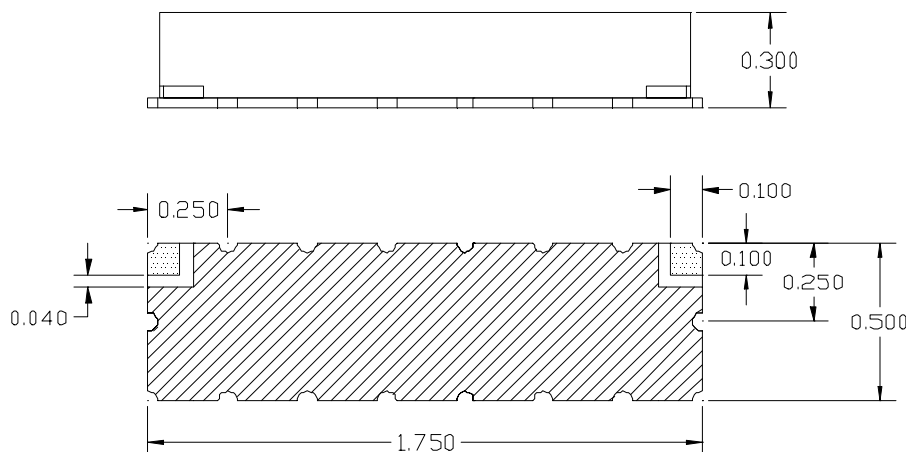


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Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	74 MHz
Insertion Loss	< 4 dB (< 2 dB typical)
Passband (< 3 dB)	60 MHz to 88 MHz
Attenuation at 40 MHz & below	> 80 dB
Attenuation 108 MHz to 500 MHz	> 80 dB
Typical 1 dB Bandwidth	30 MHz
Typical 3 dB Bandwidth	37 MHz
Typical 60 dB Bandwidth	57.8 MHz
Typical 80 dB Bandwidth	64.2 MHz
Source and Load	50 Ω

Physical Dimensions



Notes:

1. Surface mount package — Metal cover, open frame
2. Dimensions in inches
3. Use SN60 or SN63 solder during installation
4. If boards are cleaned after installation, units must be completely dried to remove any entrapped moisture that will effect electrical performance