

KR Electronics, Inc.

General Description

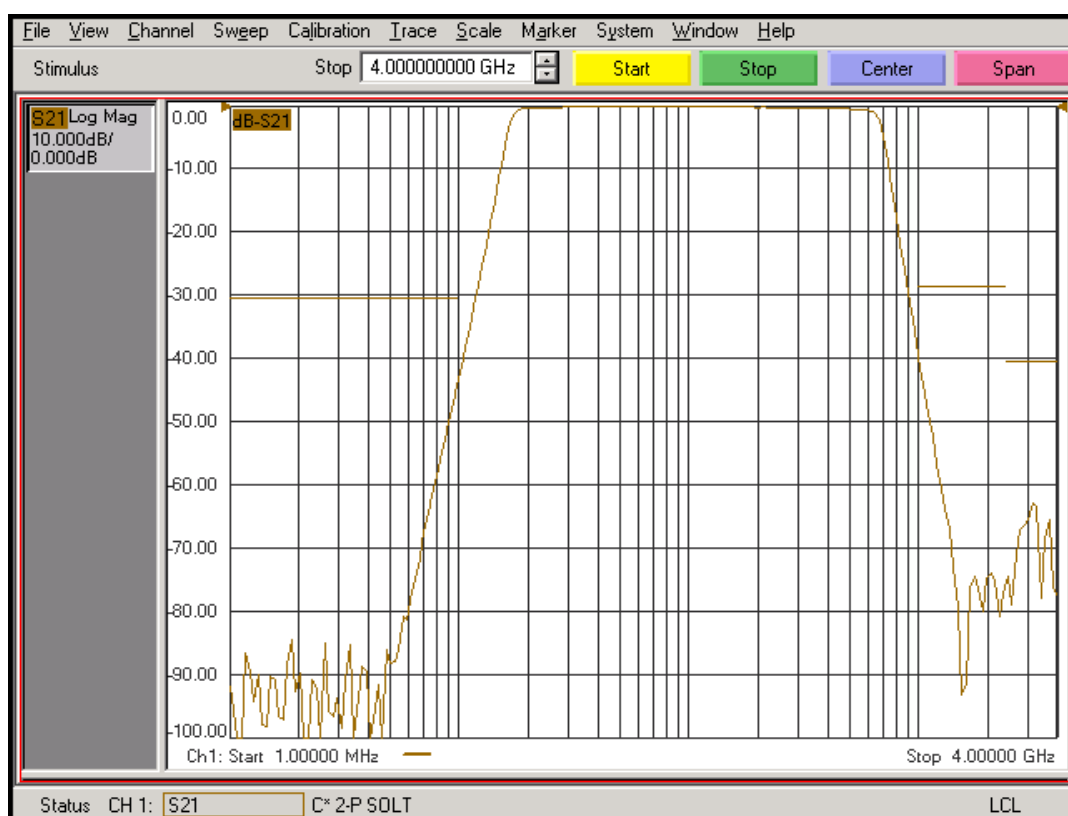
KR Electronics part number 2951 is a 210 MHz bandpass filter. The filter has a minimum 0.5 dB bandwidth of 380 MHz. Other center frequencies and bandwidths available. Please consult the factory.

Features

- 210 MHz Center Frequency
- 20 MHz to 400 MHz Passband
- 50 Ω Source and Load
- Surface Mount

Typical Performance

Overall Response (10 dB/div)

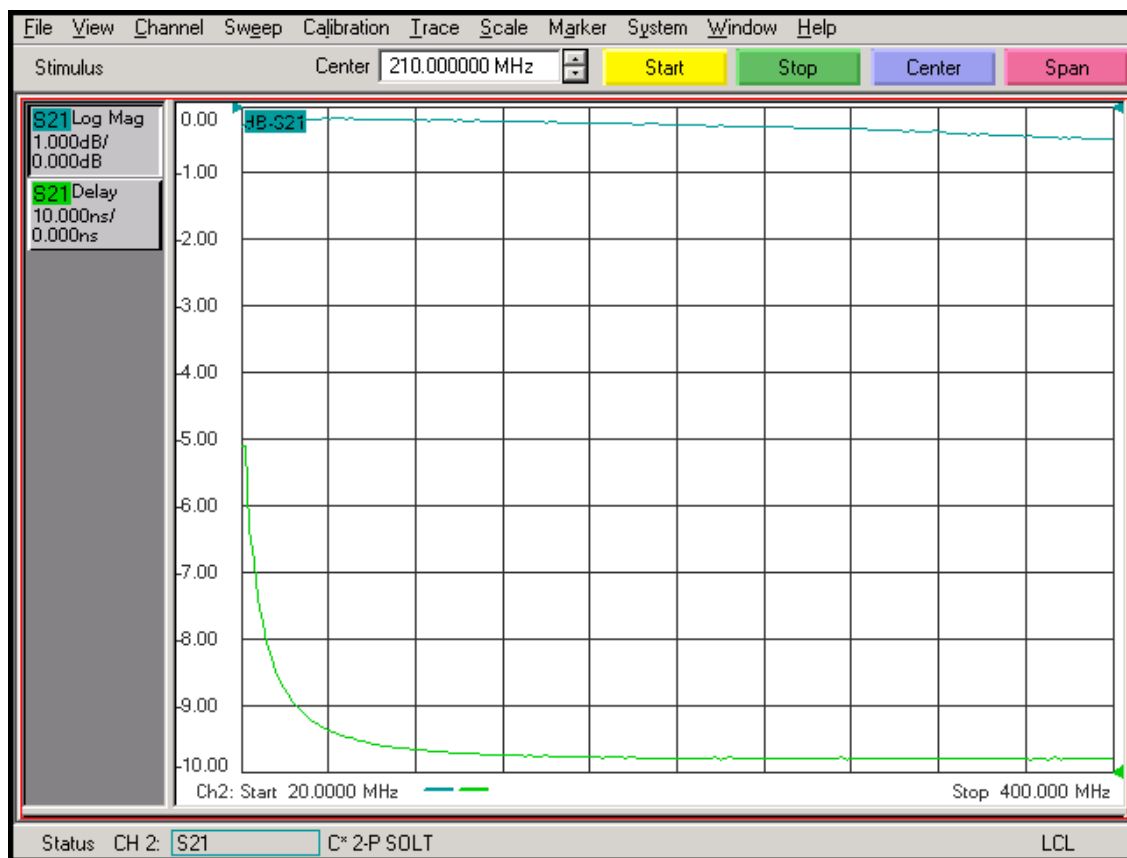


KR Electronics, Inc.
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Typical Performance

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

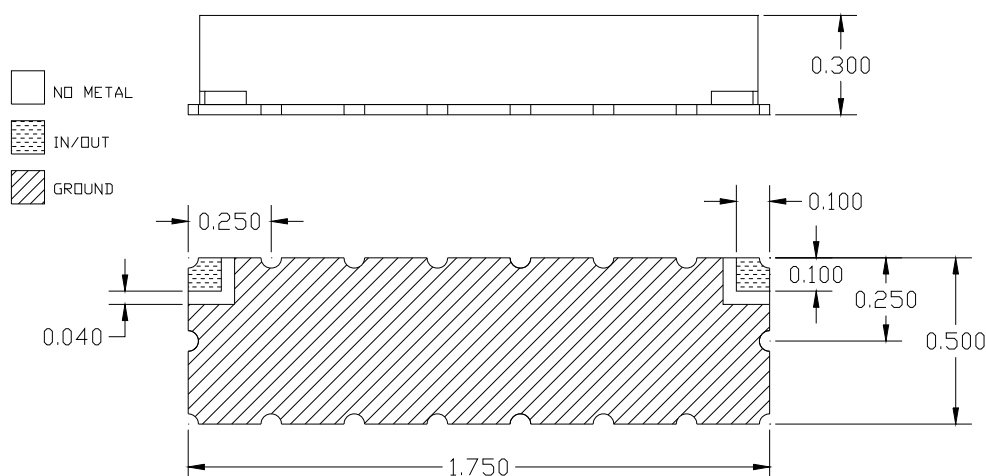


KR Electronics 2951

Specifications

Parameter	Specification	
Filter type	Bandpass	
Center Frequency	210 MHz	
Insertion Loss	1.5 dB max	0.5 dB typical
0.5 dB Bandwidth	380 MHz min	20 MHz to 400 MHz
Rejection at 10 MHz	30 dB min	40 dB typical
Rejection at 1000 MHz	28 dB min	>37 dB typical
Rejection at 2400 MHz	40 dB min	>60 dB typical
Source and Load	50 Ω	

Physical Dimensions



Notes:

1. Surface mount package
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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