

General Description

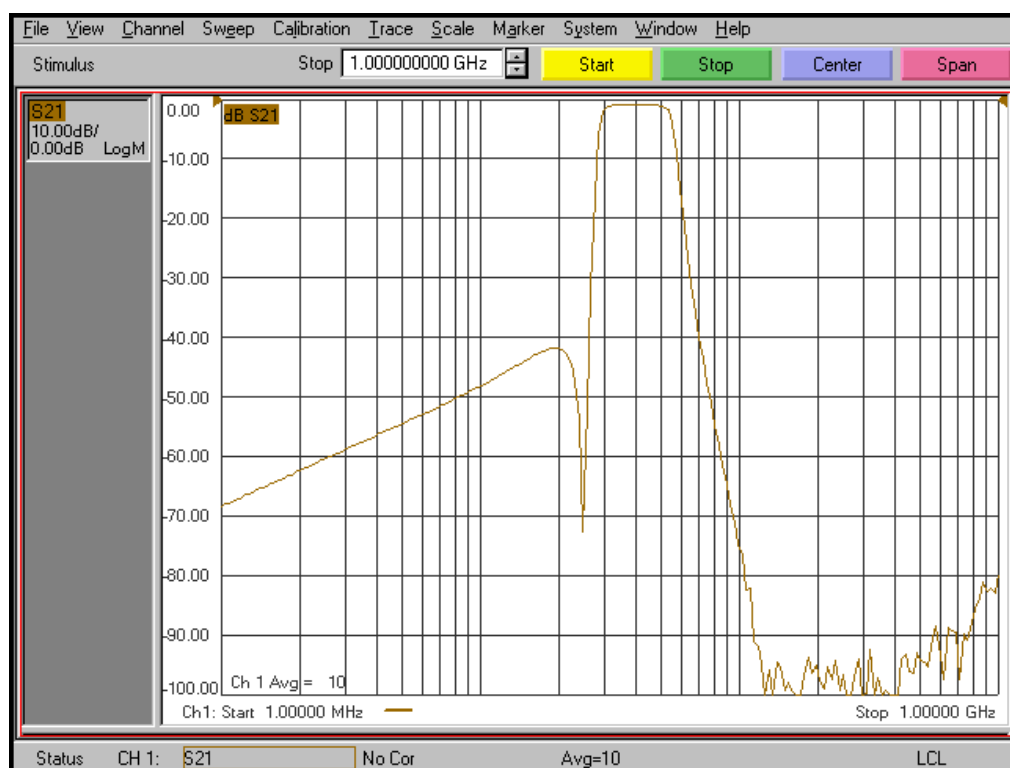
KR Electronics part number 3294-41+ is a 41 MHz bandpass filter. Other frequencies are available. Please consult the factory.

Features

- 41 MHz Bandpass Filter
- 1 dB Bandwidth 22 MHz min
- 40 dB Bandwidth 44 MHz typical
- 50 Ω Source and Load
- Surface Mount

Typical Performance

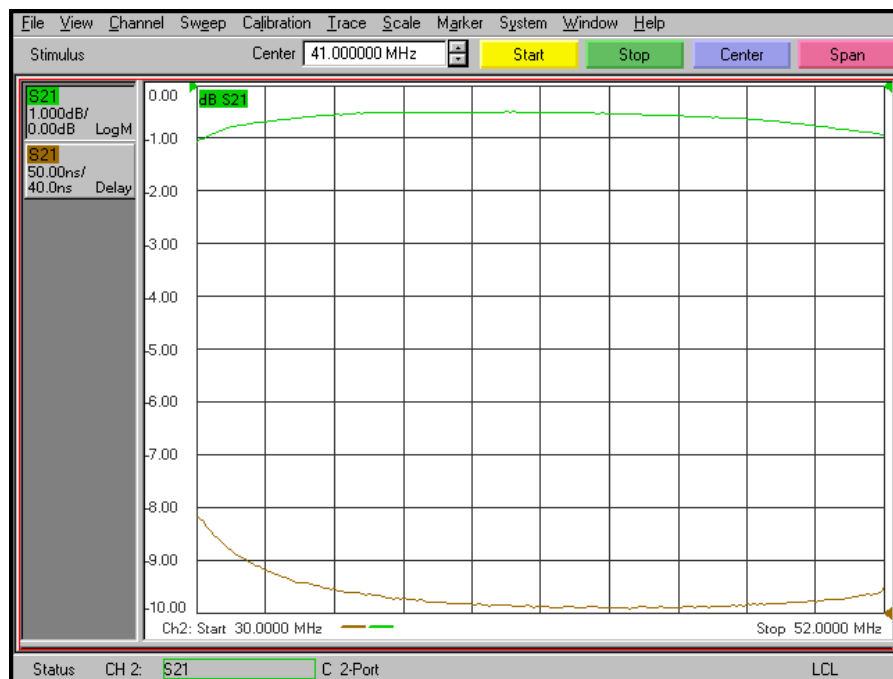
Overall Response (10 dB/div)



KR Electronics 3294-41+

Passband Amplitude & Group Delay

(1 dB/div & 50 nsec/div)



Overall Response

(10 dB/div)



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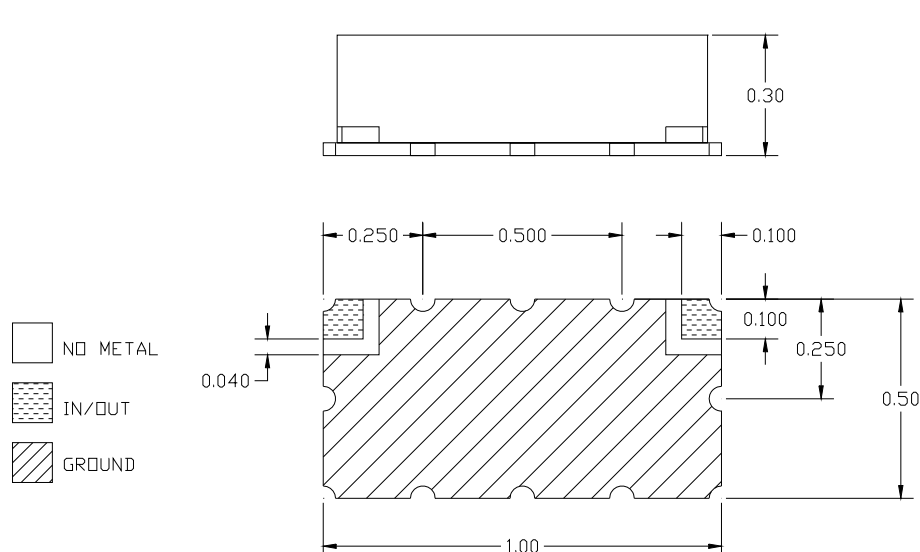
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KR Electronics 3294-41+

Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	41 MHz	
Insertion Loss	2 dBa max	0.5 dBa typical
1 dBc Bandwidth	22 MHz min	24 MHz typical
3 dBc Bandwidth	26 MHz typical	
Rejection at 26 MHz & 111.5 MHz	25 dBc min	> 40 dBc and > 70 dBc typical
40 dBc Bandwidth	44 MHz typical	
Source and Load	50 Ω	

Physical Dimensions



Notes:

1. Surface mount package
2. Dimensions in inches
3. Max reflow temperature 230° C for 10 sec
4. If boards are cleaned after installation units must be completely dried