

General Description

KR Electronics part number 3259-550 is a 550 MHz bandpass filter module. Other frequencies are available. Please consult the factory.

Features

- 550 MHz Bandpass Filter
- 2 dB Bandwidth 200 MHz min
- 55 dB min at 350 & 900 MHz
- Sharp Elliptic Type Filter
- 50 Ω Source and Load
- Surface Mount
- Other frequencies available

Typical Performance

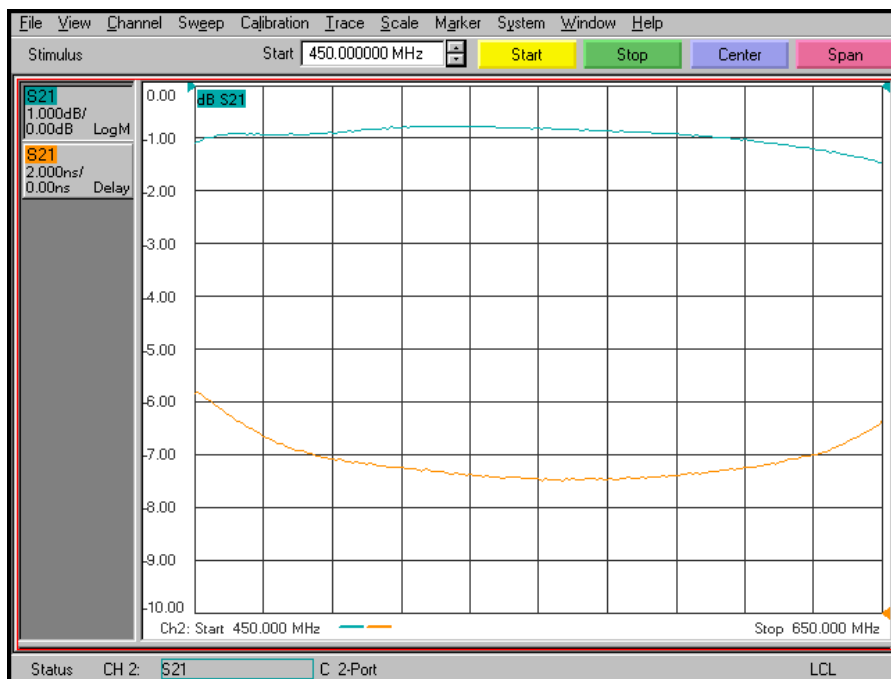
Overall Response (10 dB/div)



KR Electronics 3259-550

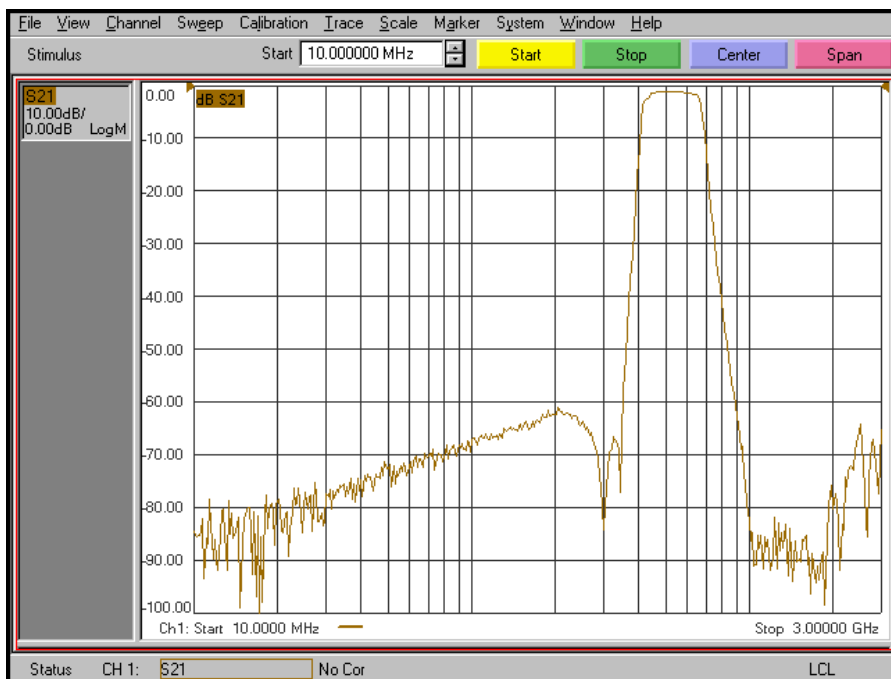
Passband Amplitude & Group Delay

(1 dB/div & 2 nsec/div)



Overall Response

(10 dB/div)



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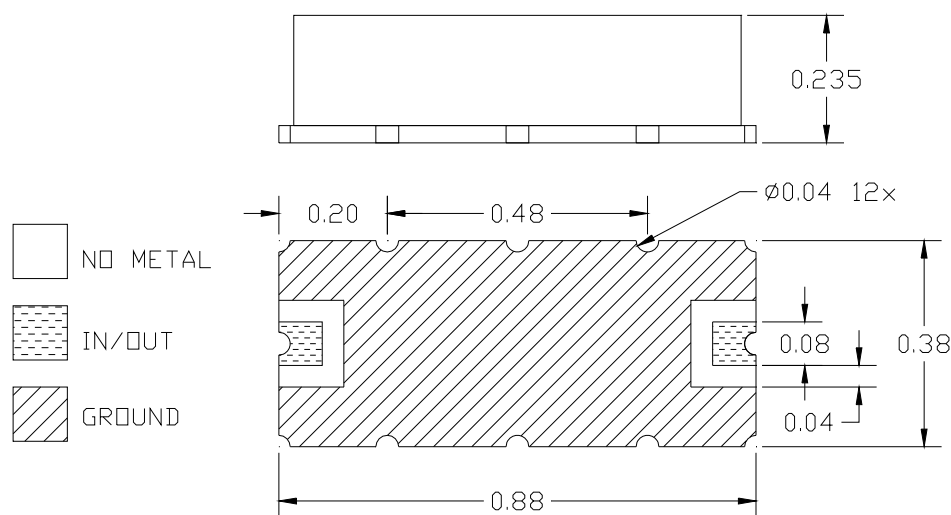
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KR Electronics 3259-550

Specifications

Parameter	Specification	
Filter type	Bandpass	
Center Frequency (Fc)	550 MHz	
Insertion Loss at Fc	2 dBa max	< 1 dBa typical
2 dBc Bandwidth	200 MHz min	
Rejection DC to 350 MHz	55 dBc min	
Rejection 900 to 1800 MHz	55 dBc min	to 3000 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

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