

General Description

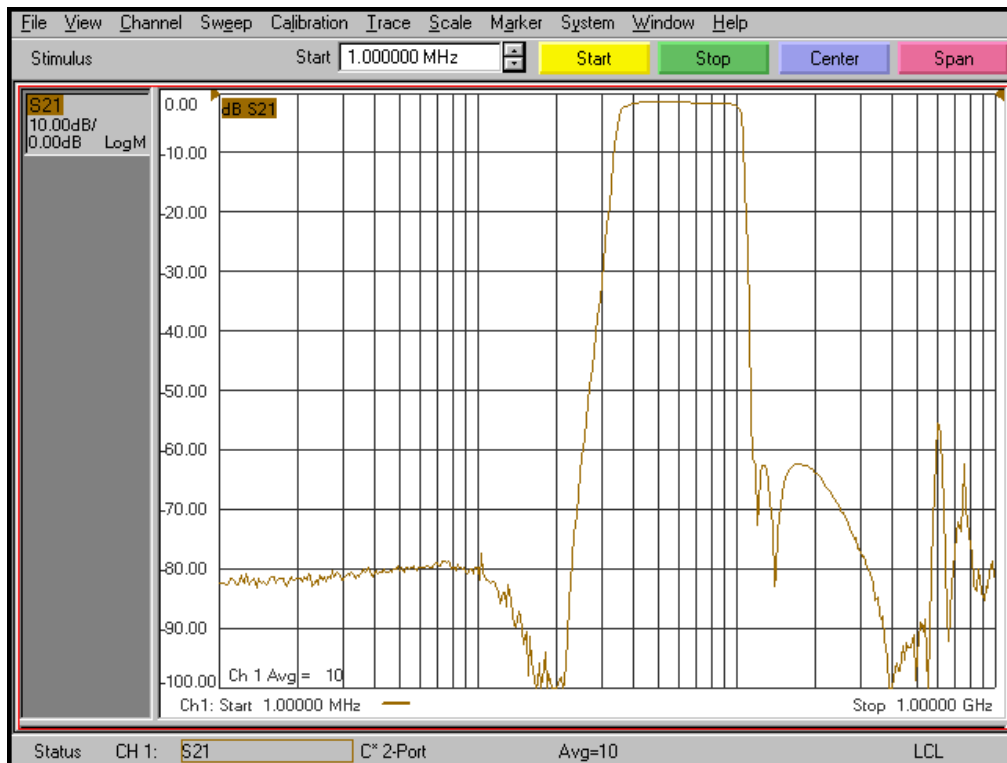
KR Electronics part number 3169 is a group delay equalized 70 MHz bandpass filter. The filter has a min 3 dB bandwidth of 60 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

Features

- 70 MHz Bandpass Filter
- 60 MHz min 3 dB Bandwidth
- Group Delay Equalized for Linear Phase
- Highly Selective Elliptic Type Filter
- 50 Ω Source and Load
- Surface Mount
- SMA Connectors Available

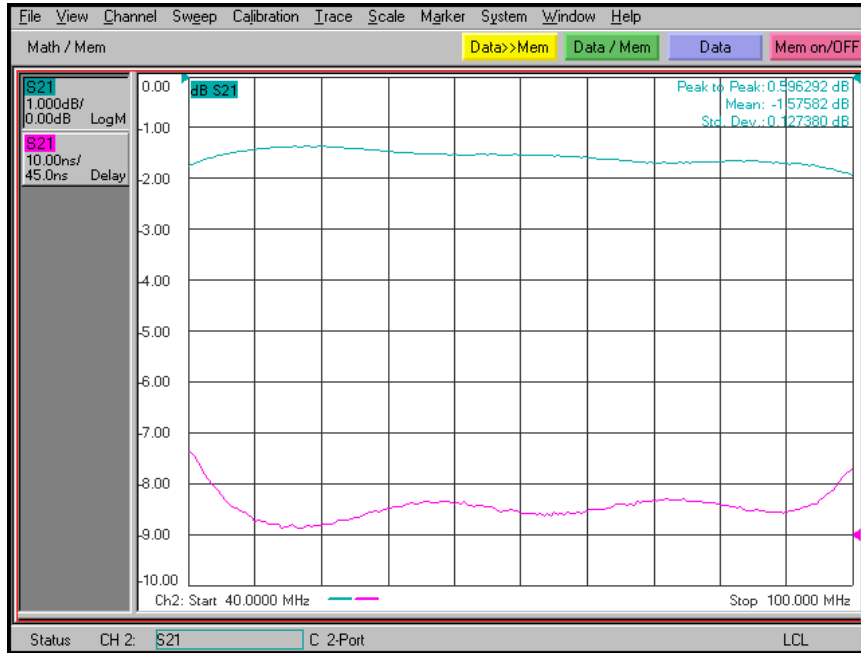
Typical Performance

Overall Response (10 dB/div)



Typical Performance

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



Overall Response
(10 dB/div)



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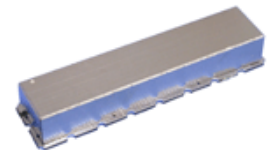
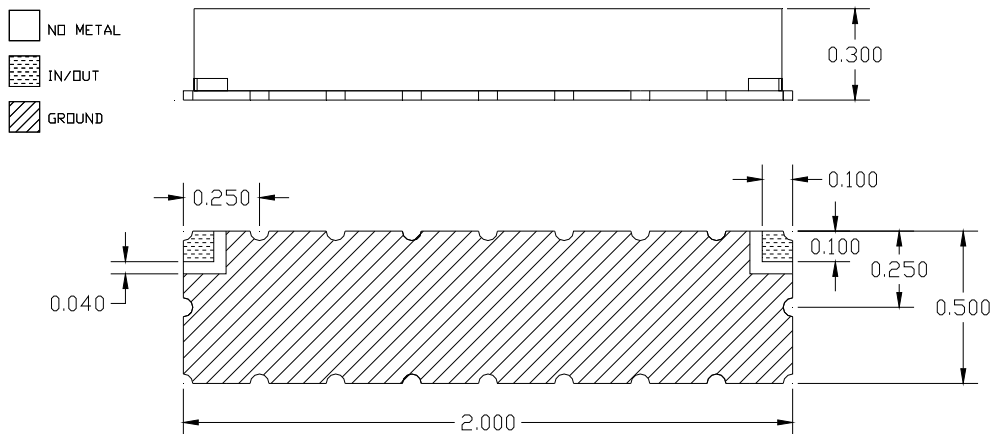
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KR Electronics 3169

Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	70 MHz	
Insertion Loss	2.5 dBa max	1.6 dBa typical
1 dB Bandwidth	65 MHz typical	
3 dBc Bandwidth	60 MHz min	70 MHz typical
50 dBc min at	25 MHz and 115 MHz	
Source and Load	50 Ω	

Physical Dimensions



Notes:

1. Surface mount package — Metal cover open frame
2. Dimensions in inches
3. Maximum reflow temperature is 230° C for 10 sec maximum
4. If boards are cleaned after installation, units must be completely dried
5. Also available with SMA connectors. See part number 3169-SMA