

General Description

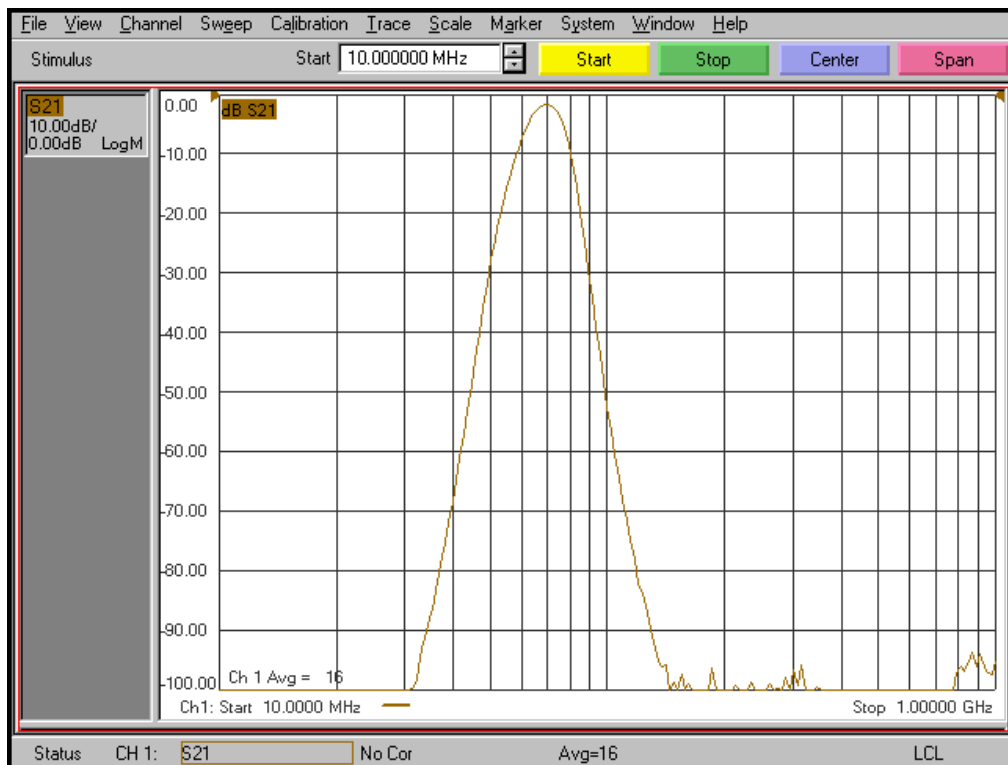
KR Electronics part number 3218-70 is a 70 MHz linear phase bandpass filter. The filter has a 3 dB bandwidth of 14 MHz. Other frequencies are available. Please consult the factory.

Features

- 70 MHz Bandpass Filter
- Linear Phase / Constant Group Delay
- 3 dB Bandwidth 14 MHz
- 50 Ω Source and Load
- Surface Mount Package
- SMA Connectors Also Available

Typical Performance

Overall Response (10 dB/div)

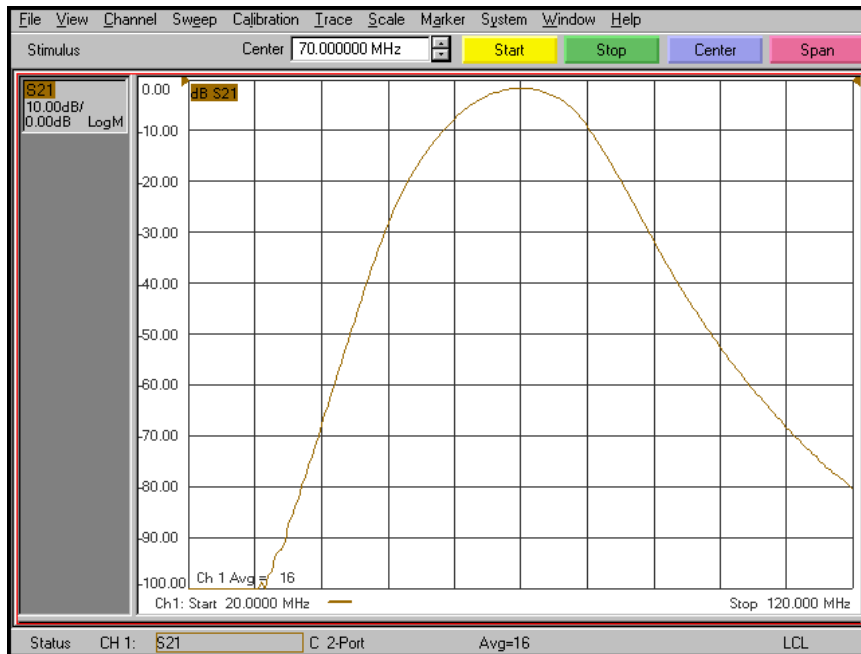


Typical Performance

Passband Amplitude & Group Delay
(1 dB/div & 5 nsec/div)



Overall Response
(10 dB/div)

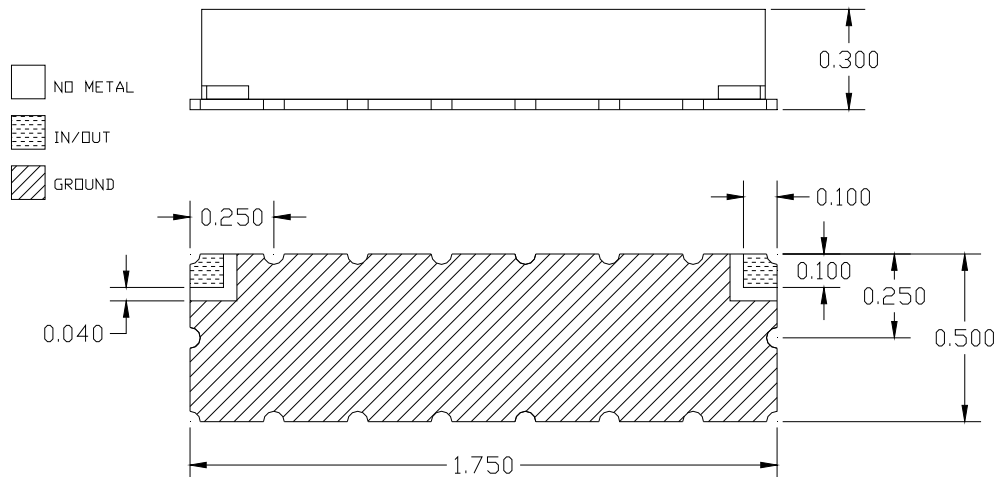


KR Electronics 3218-70

Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency (Fc)	70 MHz	
Insertion Loss (at Fc)	3 dBa max	1.7 dBa typical
3 dBc Bandwidth	14 MHz ± 0.5 MHz	
Passband Group Delay Variation	± 5 nsec max	
35 dBc Bandwidth	48 MHz max	
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.