

General Description

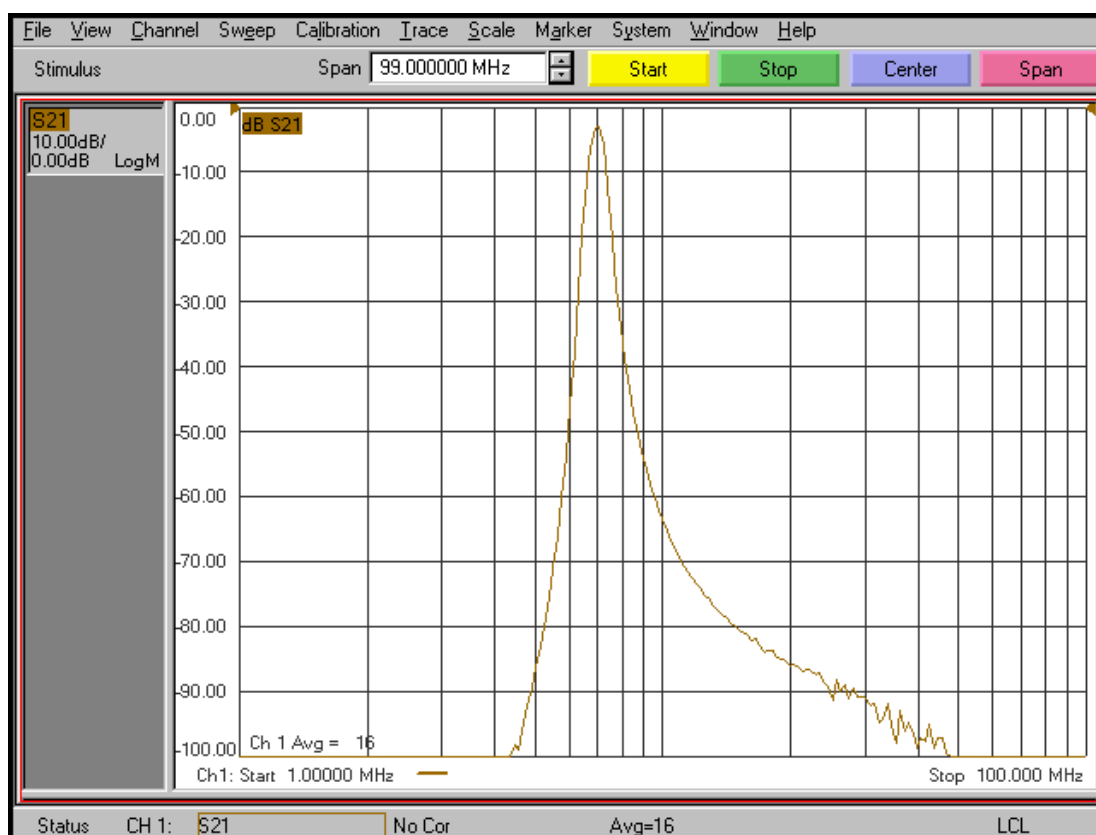
KR Electronics part number 3207-SMA is a 7 MHz linear phase bandpass filter. The filter has a 3 dB bandwidth of 475 KHz. Other center frequencies and are bandwidths available. Please consult the factory.

Features

- 7 MHz Linear Phase Bandpass
- 3 dB Bandwidth 475 KHz
- 50 Ω Source and Load
- SMA Connectors
- Surface Mount Available

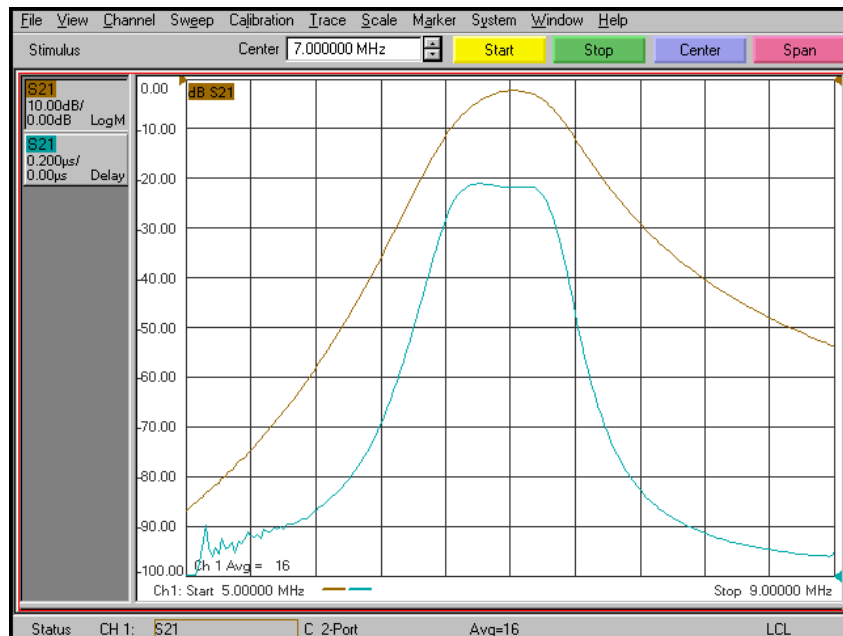
Typical Performance

Overall Response (10 dB/div)

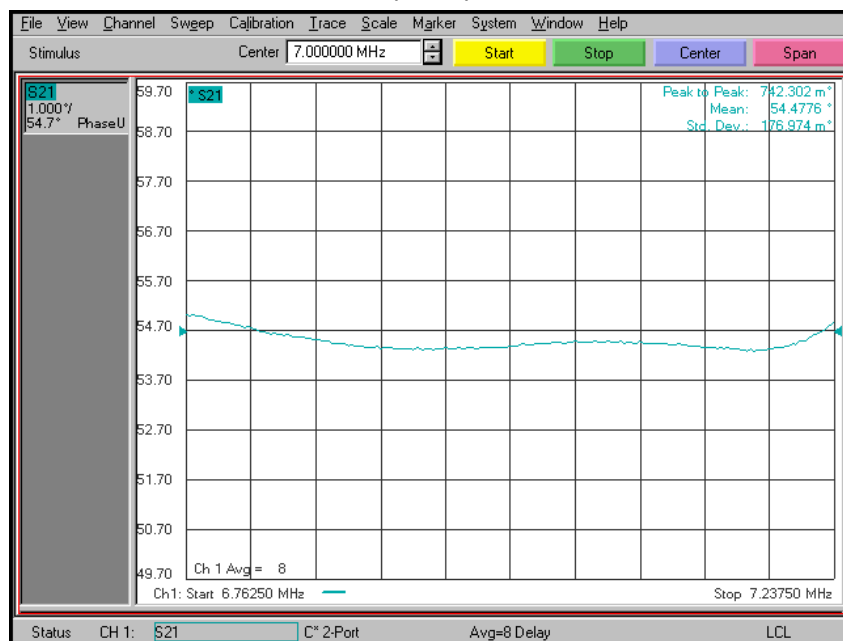


Typical Performance

Amplitude & Group Delay (10 dB/div & 200 nsec/div)



Passband Phase Linearity (1°/div)

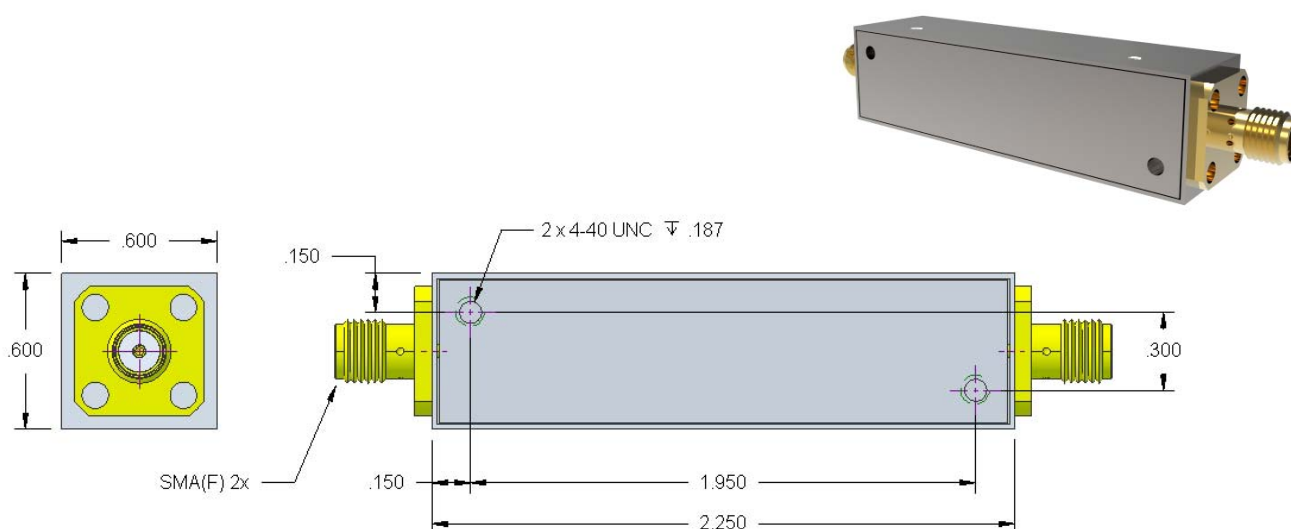


KR Electronics 3207-SMA

Specifications

Parameter	Specification	
Filter type	Bandpass	
Center Frequency	7 MHz	
Insertion Loss	3.5 dB max	2 dB typical
3 dB Bandwidth	475 KHz typical	3 dB ±0.5 dB at 6.7625 MHz 3 dB ±0.5 dB at 7.2375 MHz
20 dB Bandwidth	1.2 MHz typical	
40 dB Bandwidth	2.2 MHz typical	
60 dB Bandwidth	4.1 MHz typical	
Source and Load	50 Ω	

Physical Dimensions



Notes:

1. Dimensions in inches
2. Rectangular case
3. Also available in surface mount package see part number 3207

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