

**SPECIFICATION**  
**COMMERCIALY AVAILABLE**

ITEM: SAW FILTER  
 PART NUMBER: SF0070021  
 RoHS

ISSUED	CHECKED	CHECKED	CHECKED	APPROVED
7/8/09 kn				
12/14/11 kn	12/21/2011 TFG		12/21/2011 GL	

**FILTRONETICS Inc**

1. Electrical Specifications:

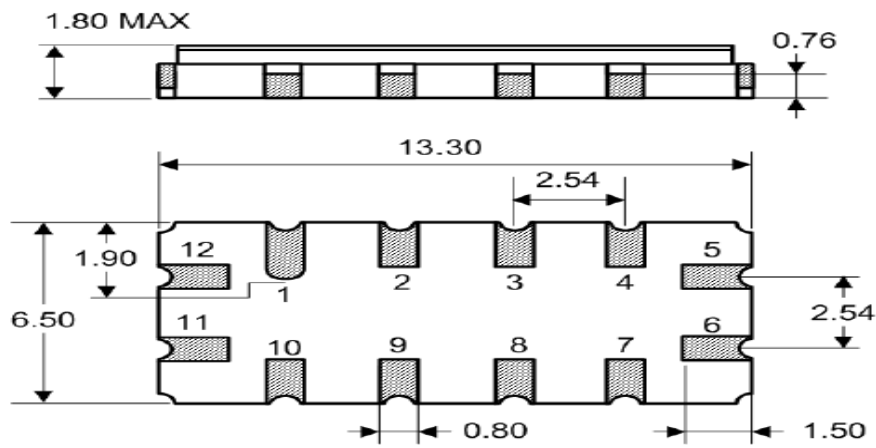
Index	Unit	Min	Typical	Max
Center Frequency	MHz	69.90	70.00	70.10
Insertion Loss	dB		15.5	17.0
1 dB Bandwidth	MHz	-	20.82	
3 dB Bandwidth	MHz	21.50	21.95	
40 dB Bandwidth	MHz		26.50	27.00
Passband Ripple	dB		0.65	1.00
Group Delay Variation	nsec		50	100
Absolute Delay	μsec		1.10	
Ultimate Rejection	dB	40	50	
Package	mm <sup>2</sup>	13.3 x 6.5		
Substrate Material		YZ-LiNbO <sub>3</sub>		
Temperature Coefficient	ppm/°C	-94		

\*\* Operating Power

+20dBm Max

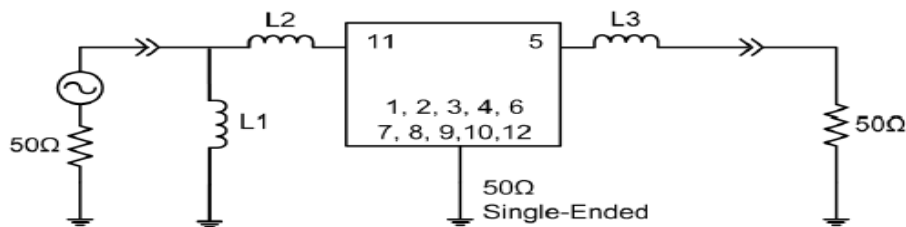
2. Mechanical Package:

Marking:  
SF0070021  
YY/MM



Input:11 Input Gnd:12 Output:5 Output Gnd:6  
Other Pins: Ground

MATCHING CONFIGURATION



L1 = 100nH , L2 = L3 = 56nH  
Source / Load Impedance = 50Ω  
Ambient Temperature = 25°C

3. Graphs

