

SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: SAW FILTER
PART NUMBER: SF0070017
Release Date: November 19, 2009
RoHS

Prepared By: kn

Revised By:

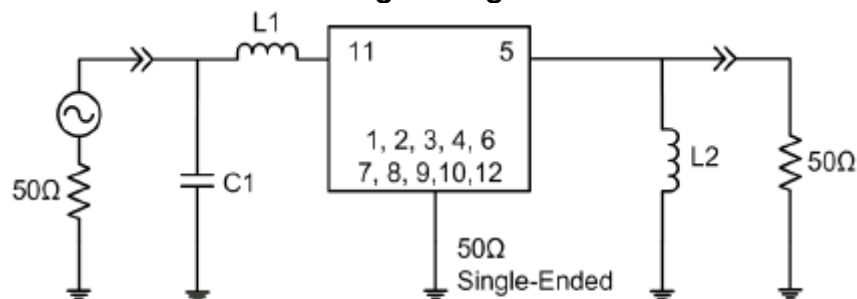
Revised Date:

ISSUED	CHECKED	CHECKED	CHECKED	APPROVED

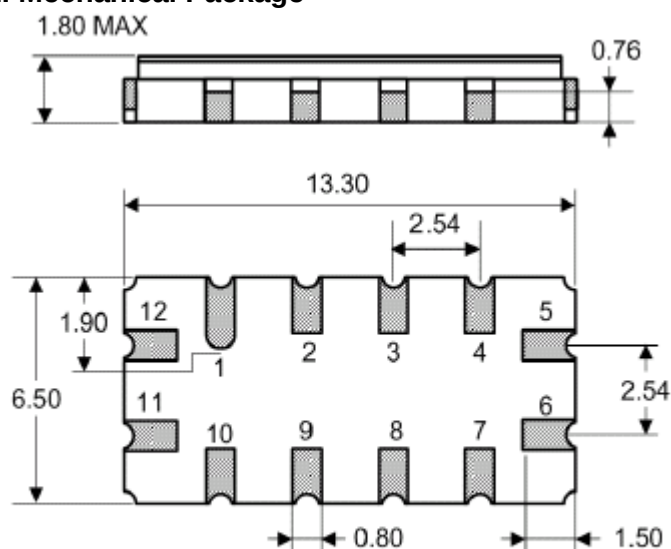
FILTRONETICS Inc

1. Electrical Specifications:

Index	Unit	Min	Typical	Max
Center Frequency	MHz	69.90	70.00	70.10
Insertion Loss	dB		13.5	15.0
1 dB Bandwidth	MHz	16.00	16.87	
3 dB Bandwidth	MHz	17.00	17.93	
40 dB Bandwidth	MHz		22.52	23.00
Passband Ripple	dB		0.55	1.00
Group Delay Variation	nsec		50	100
Absolute Delay	μsec		1.10	
Ultimate Rejection	dB	40	45	
Package	mm ²	13.3 x 6.5		
Substrate Material		YZ LiNbO ₃		
Temperature Coefficient	ppm/°C	-94		

Matching Configuration

L1=150nH , L2=220nH , C1=27pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

2. Mechanical Package

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

Marking:
 SF0070017
 YY/MM

3. Typical Performance

