

# **SPECIFICATION**

## **COMMERCIALY AVAILABLE**

ITEM: SAW FILTER  
PART NUMBER: SF0060011B  
RoHS

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
9/29/11 kn	11/28/11 TFG		11/28/11 GL

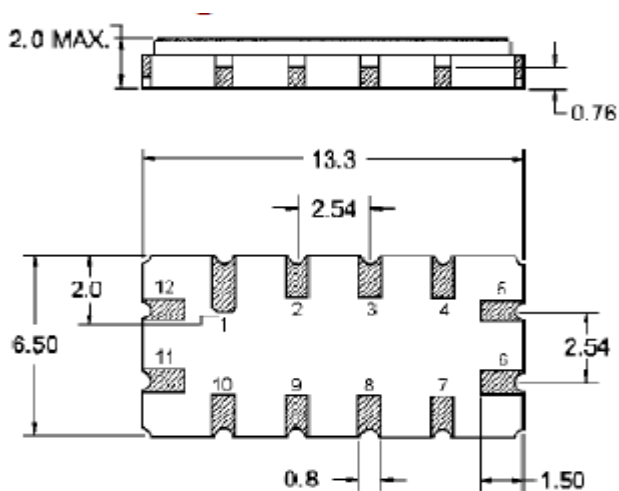
***FILTRONETICS Inc***

## 1. Electrical Specifications:

Index	Unit	Min	Typical	Max
Center Frequency	MHz	59.9	60.0	60.1
Insertion Loss	dB	-	12.0	14.0
1 dB Bandwidth	MHz	11.0	11.5	-
3 dB Bandwidth	MHz	-	12.4	-
40 dB Bandwidth	MHz	-	16.2	17.0
Passband Ripple	dB	-	0.40	1.00
Group Delay Variation	nsec	-	200	400
Absolute Delay	μsec	-	0.93	-
Ultimate Rejection	dB	40	45	-
Substrate Material	-	YZ-LiNbO3		
Temperature Coefficient	ppm/°C	-86		
Package	mm	13		

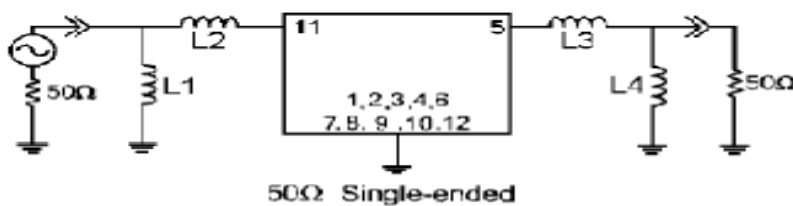
Marking:  
SF0060011B  
Date Code

## 2. Dimension:



Input: 11, Input Gnd: 12, Other Pins: Ground  
Output: 5, Output Gnd: 6, Unit: mm

## Matching Configuration



L1 = 150 nH, L2 = 68 nH, L3 = 39 nH, L4 = 220 nH  
Source / Load Impedance = 50Ω  
Ambient Temperature = 25°C

3. Typical Performance:

