

SPECIFICATION

COMMERCIALY AVAILABLE

SAW BAND PASS
PART NUMBER: SF0070034
RoHS

7/12/13 added Humidity, Vib., Operating & Storage Temperatures.

8/21/13 Changed Random Vibration

8/26/13 Changed Temp from +60 to +65°C

9/13/13 changed 40dB Bandwidth to 45dB & added simulation plot

2/26/14 added matching values, plots & 40dB. Changed 45dB Max to 45dB typical.

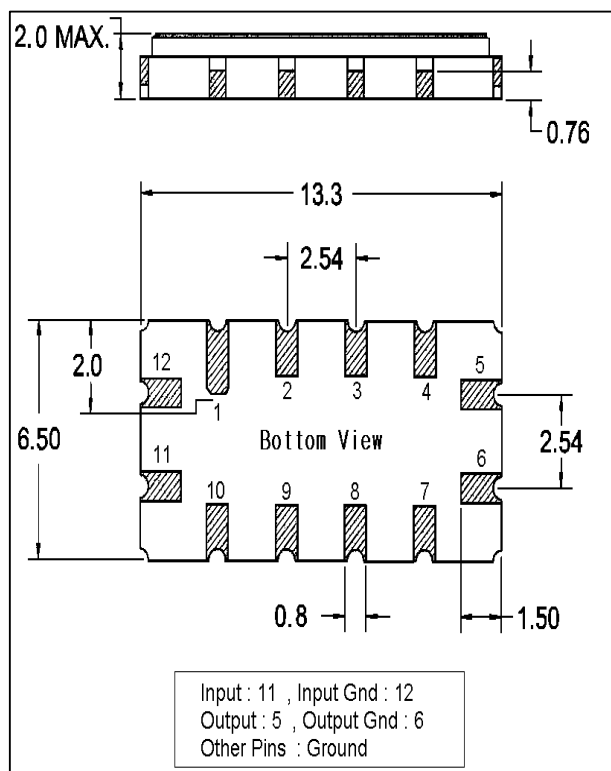
ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
3/20/13 ^(kn)			
7/12/13 ^(kn)			
8/26/13 ^(kn)			
9/13/13(dg)			
2/26/14 ^(kn)			

FILTRONETICS Inc

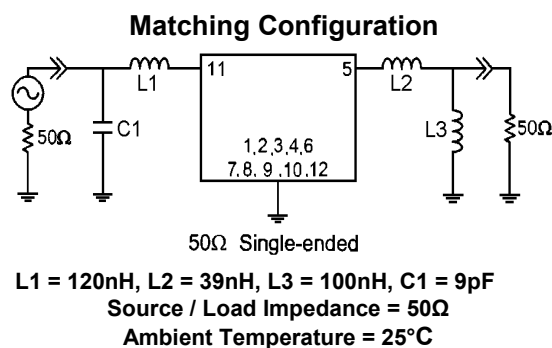
1. Electrical Specifications:

Frequency Characteristics		Minimum	Typical	Maximum
Center Frequency	MHz	-69.85	70.00	70.15-
Insertion Loss	dB	-	17.70	19.50
1dB Bandwidth	MHz	33.00	33.50	-
3dB Bandwidth	MHz	-	34.45	-
40dB Bandwidth	MHz	-	-	40.80
45dB Bandwidth	MHz		5	
Attenuation	dB	40	45	-
Amplitude Ripple	dB	-	0.60	1.00
Group Delay Variation	nsec	-	40	80
Absolute Delay	µsec	-	0.85	-
Substrate Material & T.C.F.	ppm/°C	128-LiNbO ₃ & -72		
Operating temperature	°C	-20 to +65		
Storage Temperature	°C	-30 to +70		
Temperature Coefficient of Frequency	ppm/°C	-	-72	-
Humidity		90% @ +40°C		
Random Vibration		8grms		
Package	mm	13.3X6.5 (SMD)		

2. Dimension:



Marking:
SF0070034
Date Code



3. Simulation:

