

SPECIFICATION

COMMERCIALLY AVAILABLE

ITEM: SAW BP
PART NUMBER: SF0060023A
RoHS

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
5/4/12 kn	06/04/2012 TFG		06/04/2012 GL

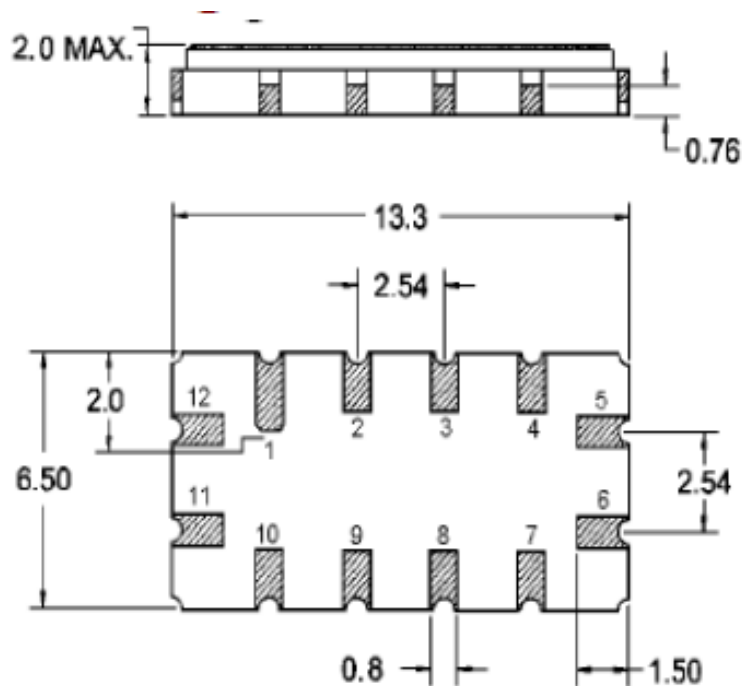
FILTRONETICS Inc

1. Electrical Specifications:

Index	Unit	Min	Typical	Max
Center Frequency	MHz	59.9	60	60.1
Insertion Loss	dB	-	16.9	18.5
1dB Bandwidth	MHz	-	22.44	-
3dB Bandwidth	MHz	23.5	24	-
40dB Bandwidth	MHz	-	30.4	30.7
Passband Ripple	dB	-	0.55	1
Group Delay Variation	nsec	-	20	50
Absolute Delay	usec	-	0.68	-
Ultimate Attenuation	dB	40	45	-
Temperature Coefficient	ppm/°C	-	-86	-
Substrate Material		YZ LiNbO ₃		
Package	mm ³	13.3 x 6.5 x 2		

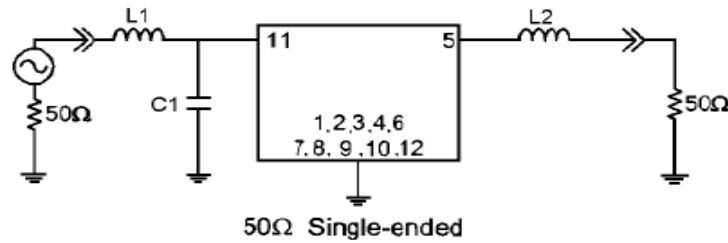
Marking:
SF0060023A
Date Code

2. Dimension:



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

Matching Configuration



$L1 = 220 \text{ nH}$, $L2 = 150 \text{ nH}$, $C1 = 9 \text{ pF}$
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

3. Typical Performance:

