

SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: SAW FILTER

PART NUMBER SF0160064

Release Date: December 12, 2009

RoHS

Prepared By: DS

Revised By: KN

Revised Date: 12/21/09

Revision Made: Changed 40dB BW

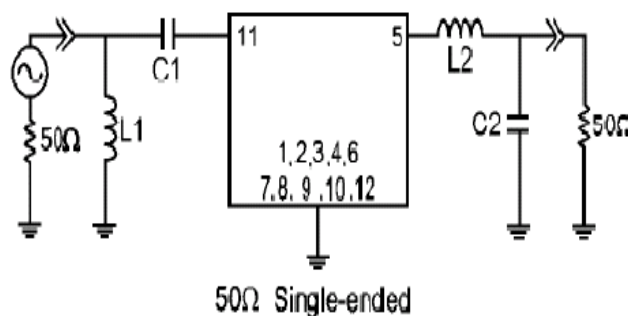
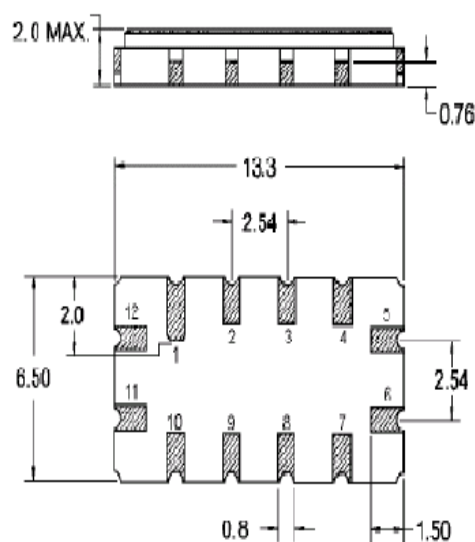
ISSUED	CHECKED	CHECKED	CHECKED	APPROVED

FILTRONETICS Inc

1. Electrical Specifications:

Index	Unit	Min	Typical	Max
Center Frequency	MHz	159.92	160	160.08
Insertion Loss	dB	-	18.68	21.5
0.5 dB Bandwidth	MHz	59.7	59.82	-
3 dB Bandwidth	MHz	-	64.64	-
40 dB Bandwidth	MHz	-	75.59	79
Passband Ripple	p-p dB	-	0.65	1
Group Delay Variation	nsec	-	15	40
Ultimate Attenuation	dB	38	40	-
Absolute Delay	usec	-	0.5	-
Substrate Material	-	128-LiNbO ₃		
Package	mm ²	13.3 x 6.5		

Operating & Storage Temp: -40 to +85°C

2. Mechanical Package:**Matching Configuration**

Input: 11, Input Grn: 12

Output: 5, Output Grn: 6

Other Pins: Ground

L1 = 27 nH, L2 = 22 nH, C1 = 82 pF, C2 = 20 pF

Source / Load Impedance = 50 Ω

Ambient Temperature = 25°C

3. Typical Performance:

