

SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: SAW FILTER
PART NUMBER: SF0070004A

Revision Made:

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
5/28/10 kn	9/2/2010 SRJ	9/2/2010 BF	9/2/2010 GL

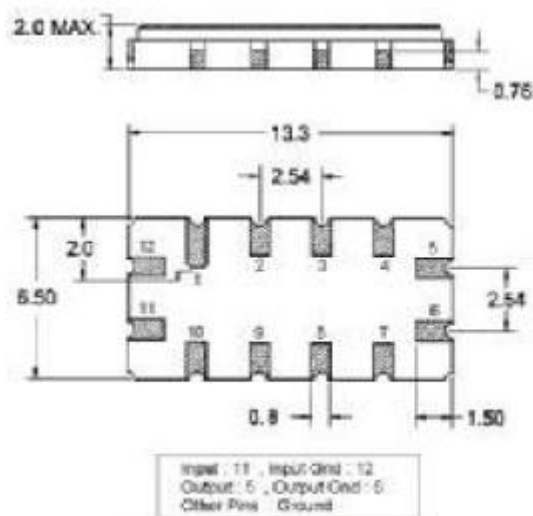
FILTRONETICS Inc

1. Electrical Specifications:

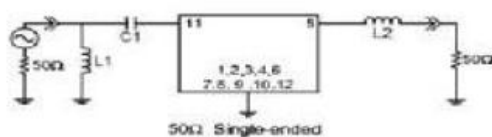
Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	69.90	70.00	70.10
Insertion Loss	dB	-	8.50	10.00
1dB Bandwidth	MHz	-	3.94	-
3dB Bandwidth	MHz	4.50	4.64	-
40dB Bandwidth	MHz	-	7.86	8.50
Passband Ripple	dB	-	0.85	1.00
Group Delay Variation	nsec	-	120	150
Absolute Delay	μsec	-	0.91	-
Ultimate Attenuation	dB	40	45	
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

2. Dimension:

Marking:
SF0070004A
Date Code



Matching Configuration



L1=220nH, L2=100nH, C1=150pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

3. Typical Performance:

