

SPECIFICATION

COMMERCIALLY AVAILABLE

ITEM: SAW FILTER

PART NUMBER: SF0060023

Release Date: September 22, 2009



Prepared By: ds

Revised By:

Revised Date:

Revision Made:

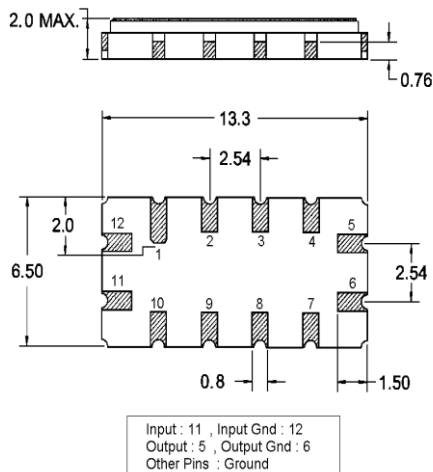
ISSUED	CHECKED	CHECKED	CHECKED	APPROVED

FILTRONETICS Inc

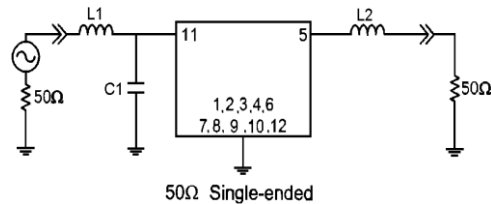
1. Electrical Specifications:

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	59.90	60.00	60.10
Insertion Loss	dB	-	16.9	18.50
1dB Bandwidth	MHz	-	22.44	-
3dB Bandwidth	MHz	23.50	23.98	-
40dB Bandwidth	MHz	-	30.38	30.70
Pass band Ripple	dB	-	0.55	1.00
Group Delay Variation	nsec	-	20	50
Absolute Delay	μsec	-	0.68	-
Ultimate Attenuation	dB	40	45	
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

2. Mechanical Package

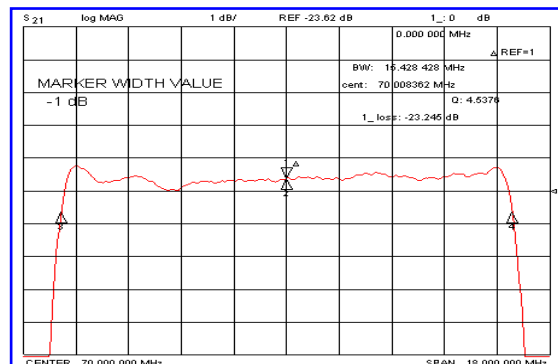
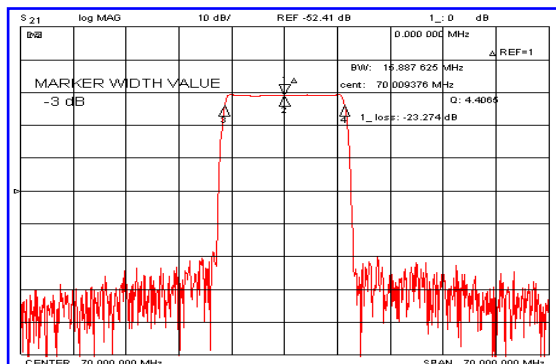


Matching Configuration

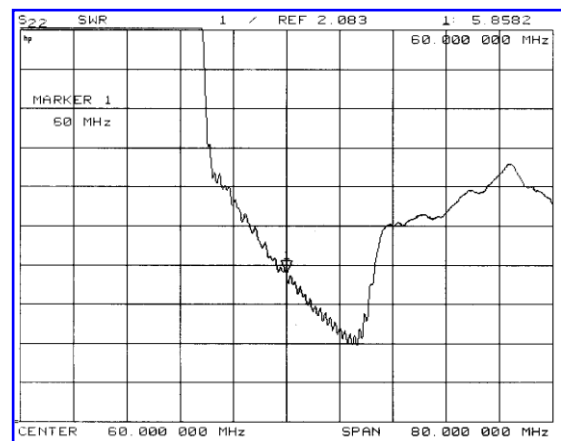
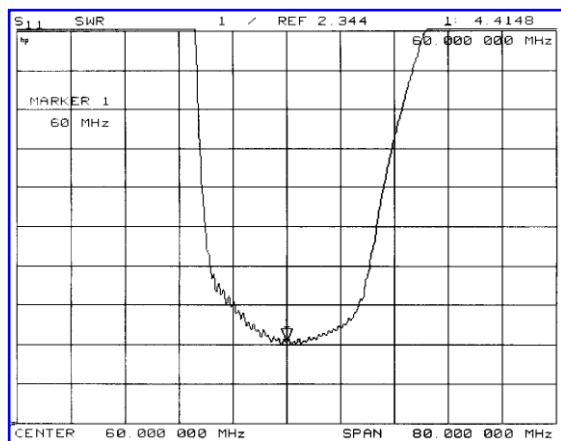
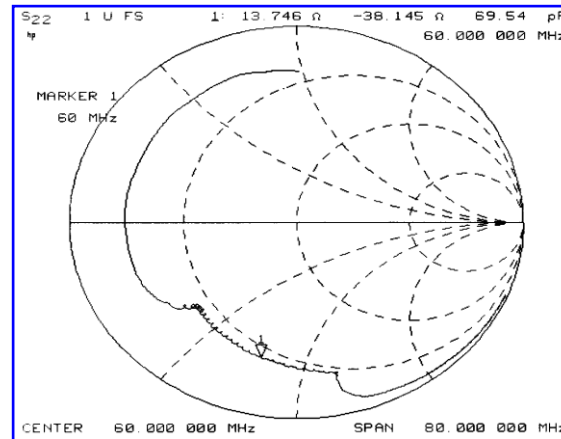
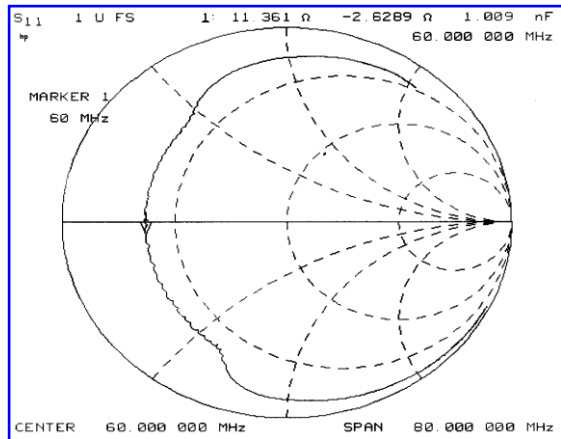
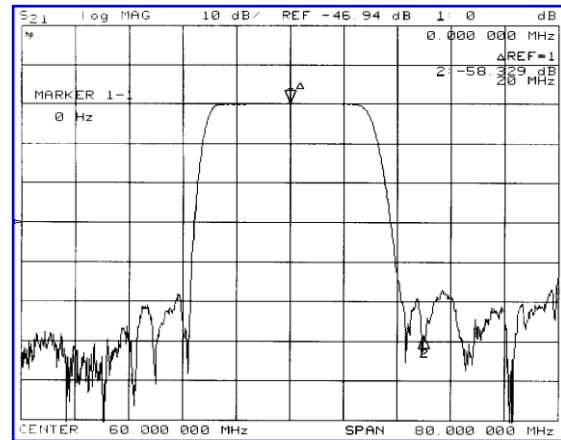
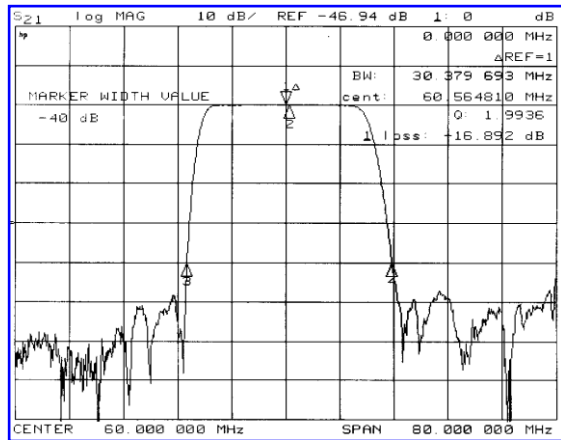


L1=220nH, L2=150nH, C1=9pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

3. Typical Performance



4. Plots



Marking:
Filtronetics, Inc
SF0060023
Date Code