

SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: SAW FILTER
PART NUMBER: SF160035

Prepared By:

Revised By:

ISSUED	CHECKED	CHECKED	CHECKED	APPROVED

FILTRONETICS Inc

1. Part Number: SF160035

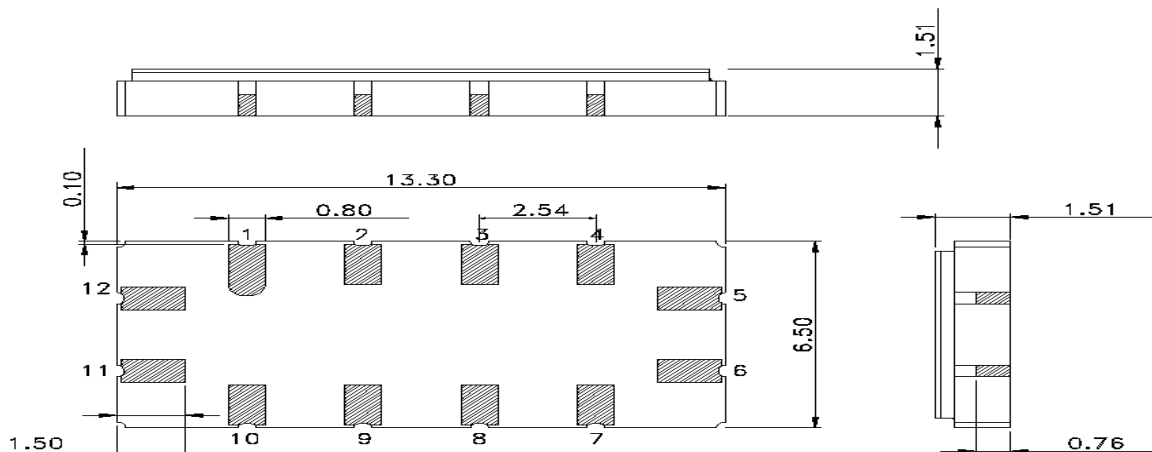
2. Electrical Specifications:

	Unit	Min	Typical	Max
Center Frequency, f_c @ 25°C	MHz	159.9	160.0	160.1
Insertion Loss ¹⁾	dB		18.0	22 ± 2
1dB Bandwidth	kHz		3300	
3dB Bandwidth	kHz	3200	3500	
40dB Bandwidth	kHz		4700	
Passband Ripple Fc- 1.5MHz ~ Fc + 1.5MHz	P-P dB		0.5	1.0
Input/Output VSWR Fc- 0.2MHz ~ Fc + 0.2MHz			1.5	2
Input/Output Impedance	Ohm		50	
Max Frequency Shift -40°C ~ +85°C	PPM		160	300
Temperature Coefficient	PPM/°C ²		-0.036	
Package SMD	mm ³	13.3x6.5x1.6		
Notes	1) Insertion loss with matching circuit 2) If customer wants lower I.L., it can be 18 dB Typical.			

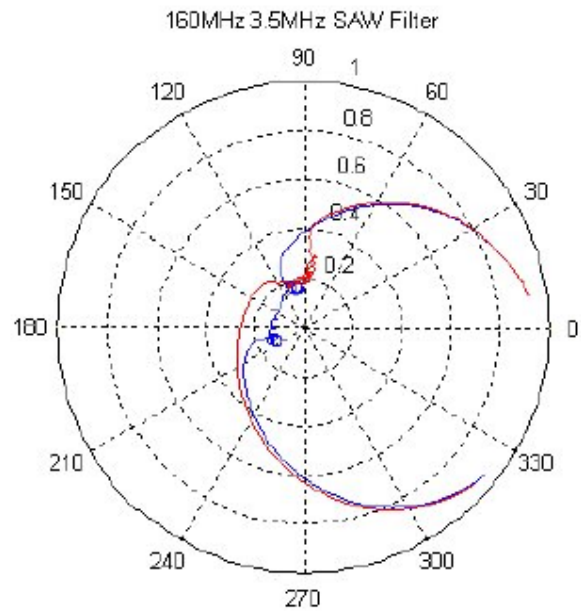
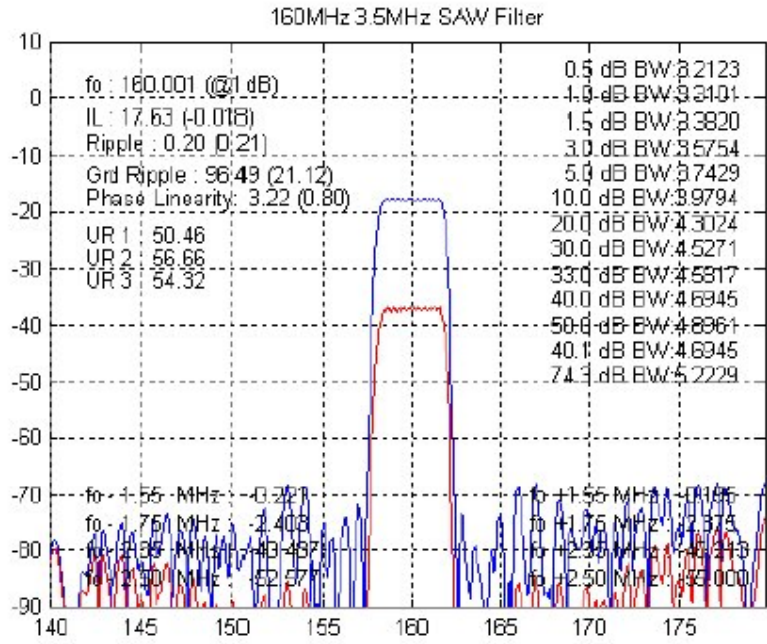
3. Mechanical Package:

PKG 13.3x6.5 mm²

Input + : 11
 Input - : 12
 Output + : 5
 Output - : 6
 Ground : others



4. Plots:



Matching Circuit

- To be defined after raw data measurement

