

SPECIFICATION

COMMERCIALLY AVAILABLE

ITEM: SAW FILTER
PART NUMBER: SF250800A
Release Date: June 27, 2005

Revision Made: 12/10/08 Changed to larger package

Revision Made: 11/5/09 Electrical and package size

ISSUED	CHECKED	CHECKED	CHECKED
6/27/05 ** 12/10/08 PM 11/5/09 KN	7/8/2010 SRJ	7/12/2010 BF	

FILTRONETICS Inc

1. Part Number: SF250800A

2. Electrical Specifications:

	Unit	Min	Typical	Max	Comments
Center Frequency, fc	MHz		250.0		
Insertion Loss	dB		15.7	19.0	
80MHz Passband Ripple	P-P dB		0.50	1.0	
82MHz Passband Ripple	P-P dB		0.60	1.5	
38dB Bandwidth	MHz		107.0		
40dB Bandwidth	MHz		108.0	140.0	
Group delay Variation ¹⁾	P-P nsec		15	150	
Phase Linearity ¹⁾	Degrees		7.5	14	
Temp Coefficient	PPM/ °C ²		-94		
Operation Temp	°C	-20 ~ 85 °C			
System Impedance	Ω	50			
Package	mm ³	7.0x5.0x1.8			
Notes	1) fc-40MHz ~ fc+40MHz				

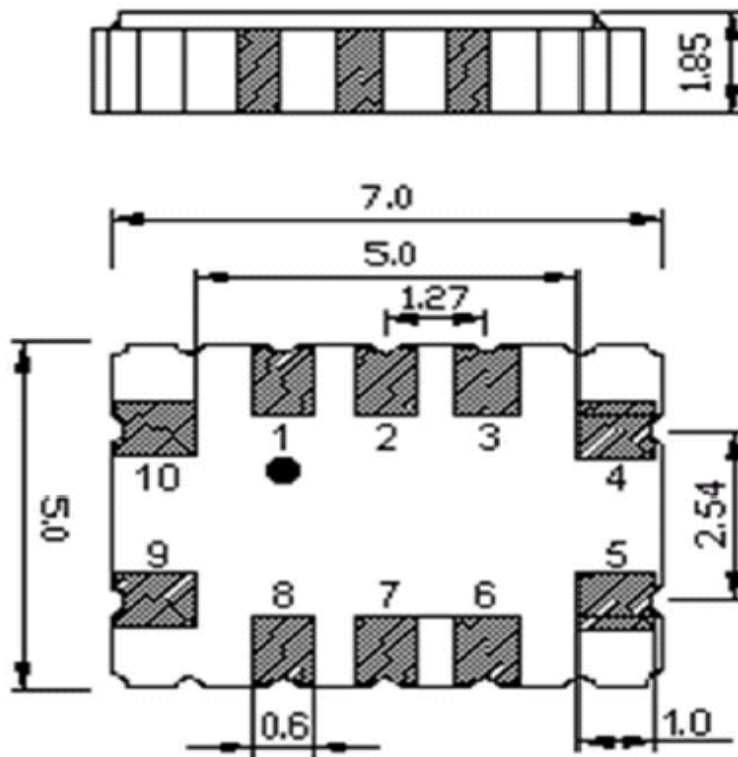
3. Mechanical Package:

Marking: Part number

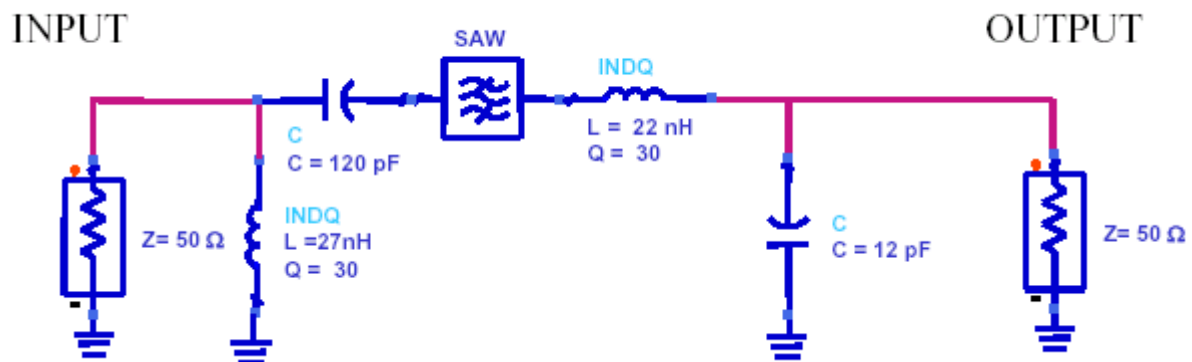
Filtro YMMDD

PKG 7x5 mm²

Input + : 9
 Input - : 10
 Output + : 4
 Output - : 5
 Ground : others



Matching Circuit



4. Plots:

