



**Data Sheet**



Product Category: IF SAW Filter

Part Number	Package	Application	Last Modified
813-SL95.0M-15	13.3 x 6.5 SMD	IF SAW Filter	Jan. 01, 2007

TYPE :  
IF SAW Filter



PART NUMBER :  
**813-SL95.0M-15**

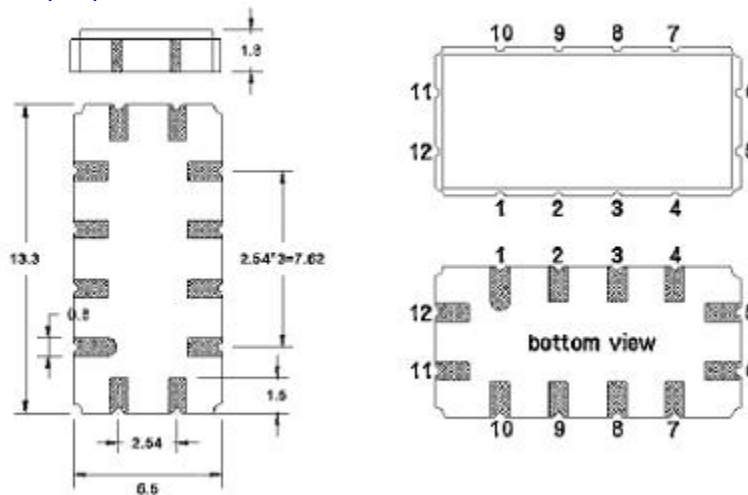
**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	95.0	-	MHz
Insertion Loss at Fo	-	12.5	15.0	dB
Source Impedance (single ended)*	-	50	-	ohm
Load Impedance (single ended)*	-	50	-	ohm
Temperature Coefficient	-	-94	-	ppm/C
Amplitude Ripple	-	0.50	1.0	dBp-p
1.0dB Bandwidth	-	14.0	-	MHz
3.0dB Bandwidth	14.2	14.5	-	MHz
5.0dB Bandwidth	-	14.9	15.2	MHz
30.0dB Bandwidth	-	16.9	17.5	MHz
40.0dB Bandwidth	-	17.2	18.5	MHz
Relative Attenuation:	40	48	-	dB
Group Delay Variation	-	50	120	ns
Absolute Delay at Fo	-	1.15	-	us
Ambient Temperature	-	25	-	C

\*With Matching Network (Ref. Testing Environment Circuit as Shown Below).

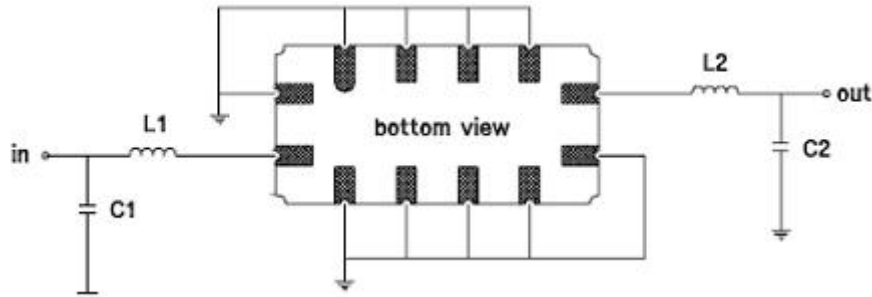
Those impedances could be modified with different impedance values and/or structures, if necessary

**PACKAGE OUTLINE (mm)**



PIN DESCRIPTIONS: IN - 11, OUT - 5, GROUND - 1,2,3,4,6,7,8,9,10,12

**TEST CIRCUIT**

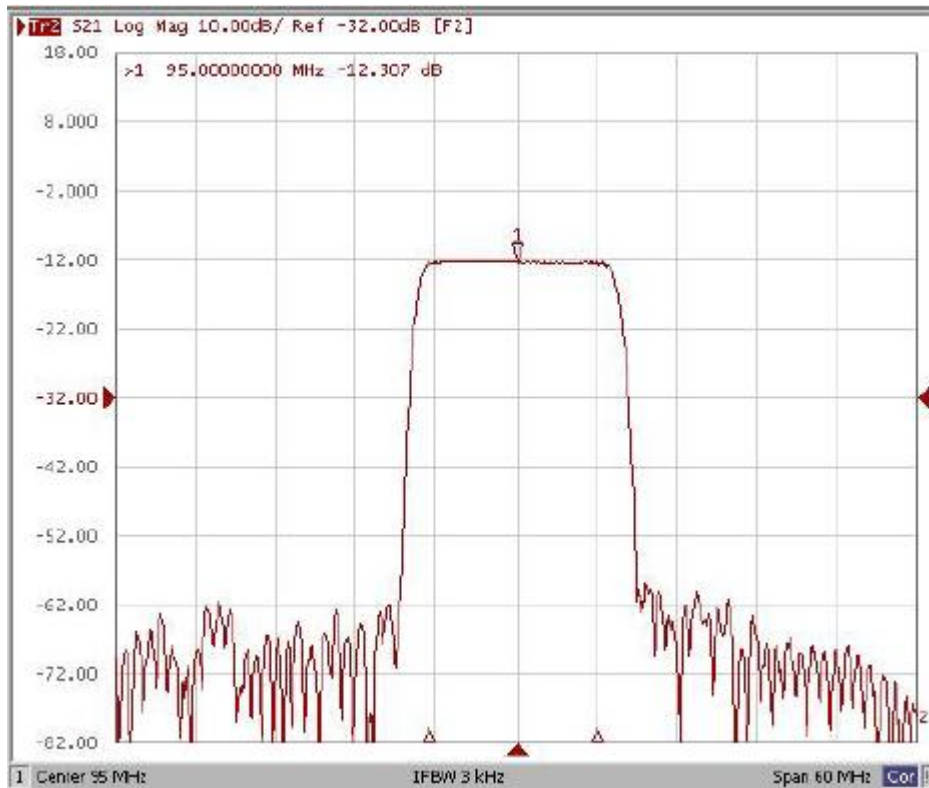


TEST FIXTURE AND VALUES/SOURCE AND LOAD IMPEDANCE 50 ohm

INPUT: L1: 120 nH; C1: 51 pF

OUTPUT: L2: 33 nH

## FREQUENCY RESPONSE



**Oscilent Corporation** - CALL **949.252.0522**

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