



Data Sheet

telephone  
949 252 0522

BACK

Product Category: IF SAW Filter

Part Number	Package	Application	Last Modified
813-SL60.0M-11	13.3 x 6.5 SMD	IF SAW Filter	Jan 01, 2007

TYPE :

60.0MHz IF SAW Filter

PART NUMBER :

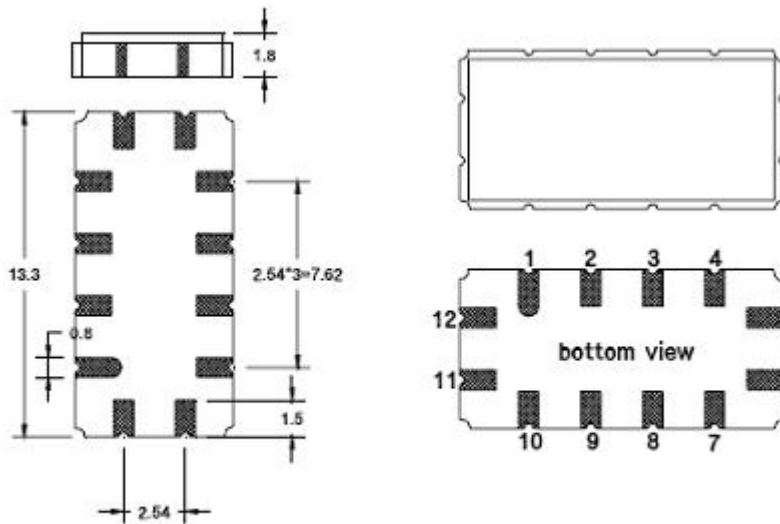
**813-SL60.0M-11****OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	60.0	-	MHz
Insertion Loss at Fo	-	11.8	13.0	dB
Source Impedance (single ended)*	-	50	-	ohm
Load Impedance (single ended)*	-	50	-	ohm
Temperature Coefficient	-	-94	-	ppm/C
Amplitude Ripple (Fo $\pm$ 5 MHz)	-	0.4	1.0	dBp-p
1dB Bandwidth	10.0	12.0	-	MHz
Relative Attenuation:	-			
Fo $\pm$ 4.75 MHz	-	0	-	dB
Fo $\pm$ 5.54 MHz	-	0	-	dB
Fo $\pm$ 9.75 MHz	40	45	-	dB
Fo $\pm$ 10MHz	40	48	-	dB
Fo $\pm$ 20 MHz	45	55	-	dB
From DC to Fo 14.75 MHz	40	45	-	dB
From Fo+14.75 to 120MHz	40	45	-	dB
Absolute Delay at Fo	-	1.1	-	us
Group Delay Variation (Fo $\pm$ 5MHz)	-	38	70	ns
Operating Temp	-45	-	+85	C
Storage Temp	-45	-	+85	C

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

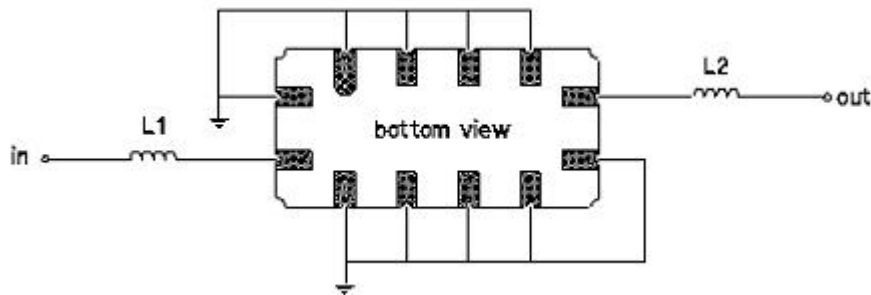
Those impedances could be modified with different impedance values and/or structures, if necessary

**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: 270 nH Q>40

OUTPUT: L2: 220 nH Q>40

**FREQUENCY RESPONSE**



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

**Part No.:** 813-SL60.0M-11

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