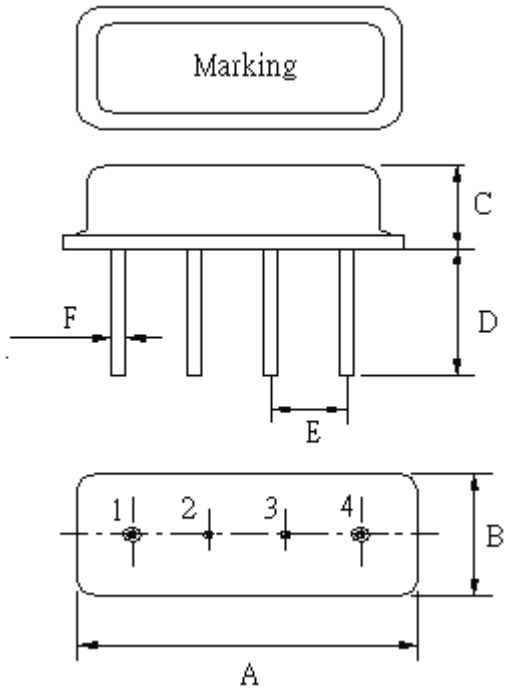
SPECIFICATION OF SAW FILTER

YOKETAN CORP.

Spec no: F11F-01105-R57-NJ-A

1. Type : F11

2. Product Dimension



Pin	Configuration
1	Input / Output
4	Output/Input
2,3	Case Ground

Sign	Data (unit: mm)	Sign	Data(unit: mm)
A	11.0±0.3	E	2.54±0.2
B	4.5±0.3	F	0.45±0.1
C	3.2±0.3		
D	5.0±0.5		

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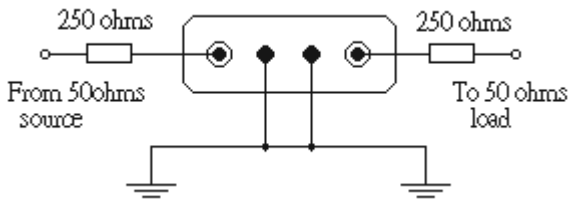
3. Test Circuit



4. Performance

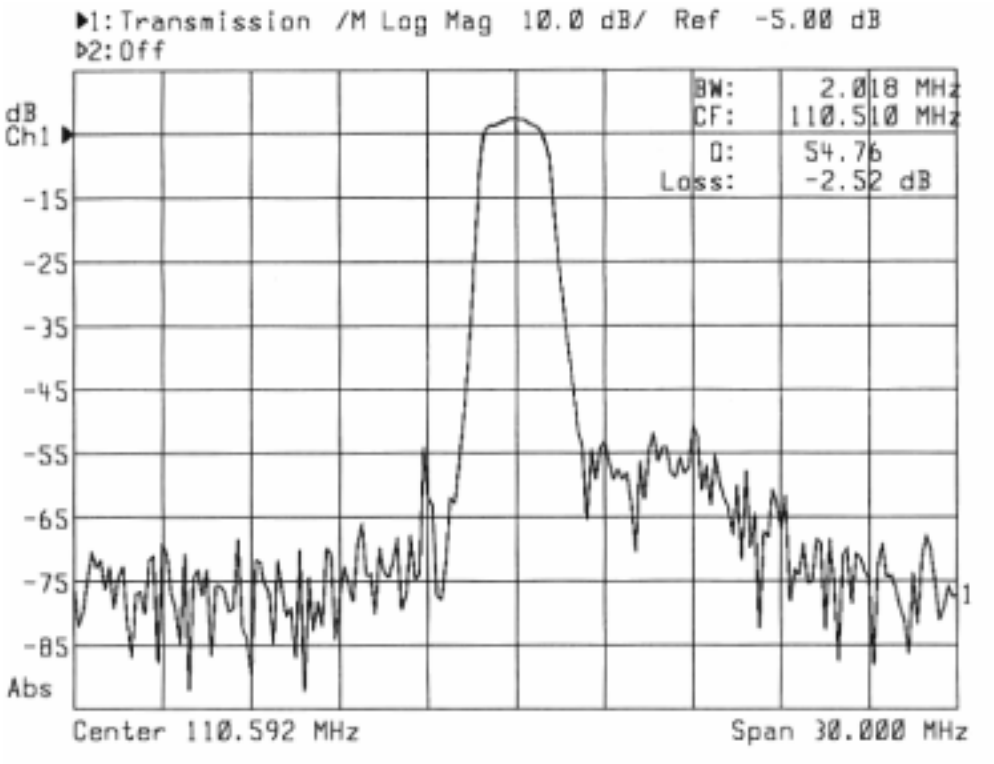
4-1.Maximum Ratings

Rating	Value	Units
CW RF Power Dissipation	0	dBm
DC Voltage Between Any Two Pins	±10V	VDC
Storage temperature	-20 to +55	℃
Case Temperature	-40 to +85	℃

4-2.Electronic Characteristics

Item		Min	Typ	Max	Unit
Nominal Center Frequency	f_C	--	110.592	--	MHz
User Signal Band	*BW*	--	f_C ± 576	--	KHz
Insertion Loss	*IL*	--	3.5	4.5	dB
Absolute Attenuation	α				dB
1) f_C − 5.0 MHz		50	62	--	
2) f_C − 3.5 MHz		45	60	--	
3) f_C ± 2.0 MHz		30	40	--	
4) f_C + 3.5 MHz		40	52	--	
5) f_C + 5.0 MHz		40	52	--	
Input / Output Impedance (Nominal)		300Ω // 1.2μH			

5. Frequency Response



6 Notice

Unless noted otherwise, all measurements are made with the filter installed in the specified test fixture that is connected to a 50Ω test system with VSWR≤1.2:1. The test fixture L and C are adjusted for minimum insertion loss at the filter center frequency, f_C. Note that insertion loss, bandwidth, and passband shape are dependent on the impedance matching component values and quality.