

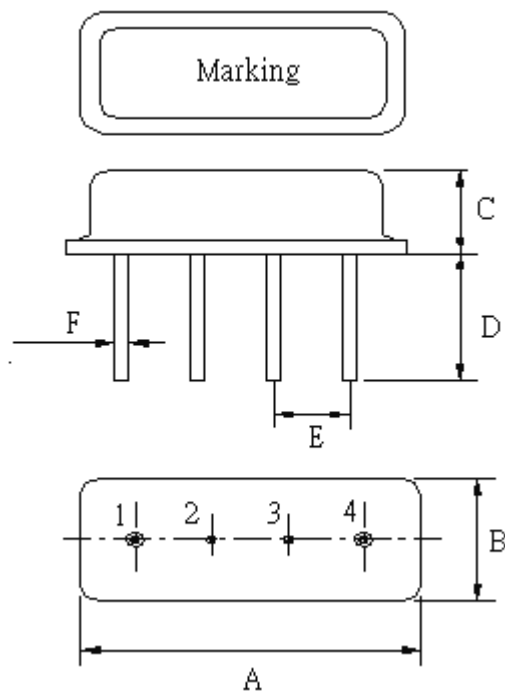
SPECIFICATION OF SAW FILTER

YOKETAN CORP.

Spec no: F11F-09145-017-NJ-A

1. Type : F11

2. Product Dimension



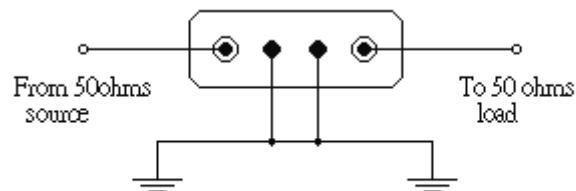
Pin	Configuration
1	Input / Output
4	Output/Input
2,3	Case Ground

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±0.2
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	+10	dBm
DC Voltage Between Any Two Pins	±30V	VDC
Case Temperature	-40 to +85	

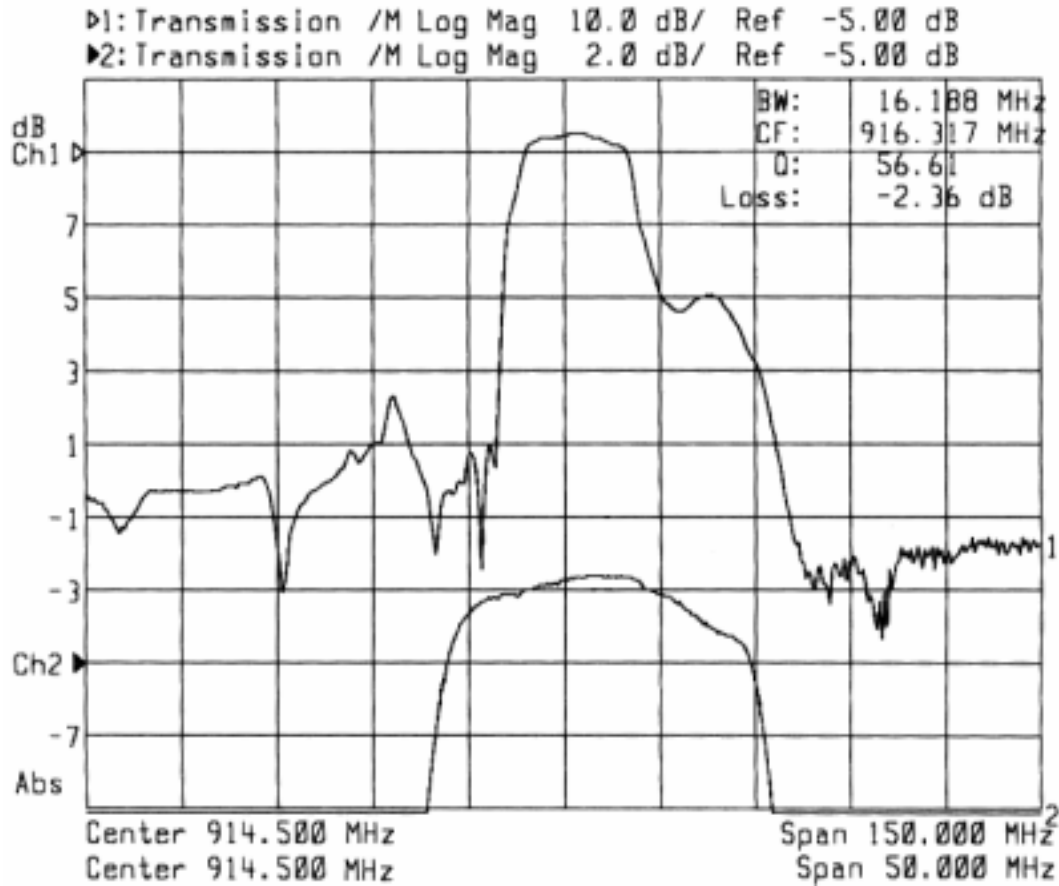
4-2. Electronic Characteristics

Item	Min	Typ	Max	Unit
Center Frequency f_c	--	914.50	--	MHz
Insertion Loss IL	--	4.0	5.5	dB
3dB Passband BW_3	15.0	17.0	--	MHz
Insertion Loss				dB
DC to $f_c - 30.0\text{MHz}$	40	50	--	
$f_c + 30.0\text{MHz}$ to $f_c + 200.0\text{MHz}$	30	50	--	
Input / Output Impedance (Nominal)	50Ω//0pF			

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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 $VSWR \leq 1.2:1$. 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.