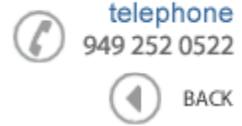




Data Sheet



Product Category: RF SAW Filter

Part Number	Package	Application	Last Modified
802-RF2441.8M-A	3.0 x 3.0 SMD	Bluetooth	July 18, 2007

TYPE :
Bluetooth, RF SAW Filter



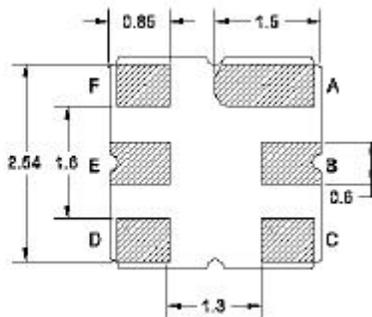
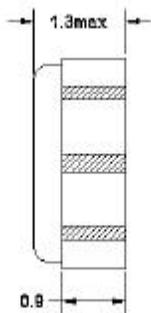
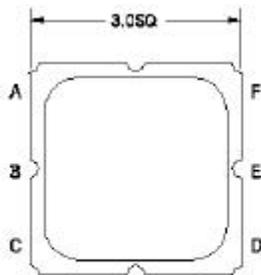
PART NUMBER :
802-RF2441.8M-A

OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	-	2441.8	-	MHz
Maximum Insertion Loss	2400.0 ~ 2483.5 MHz	-	2.5	5.0	dB
Attenuation:	D.C. ~ 1700.0 MHz	20	29	-	dB
	1700.0 ~ 2200.0 MHz	25	30	-	
	2700.0 ~ 3100.0MHz	30	40	-	
	3100.0 ~ 4000.0 MHz	20	29	-	
	4000.0 ~ 5000.0 MHz	10	20	-	
Source Impedance (single ended)*	-	-	50	-	ohm
Load Impedance (single ended)*	-	-	50	-	ohm
VSWR	2400.0 ~ 2483.5 MHz	-	1.7	2.6	-
Amplitude Ripple	2400.0 ~ 2483.5 MHz	-	1.2	3.0	dBp-p
Maximum DC Voltage	-	-	-	0	V
Maximum Input Power	-	-	-	10	dBm
Operating Temperature	-	-40	-	+85	°C

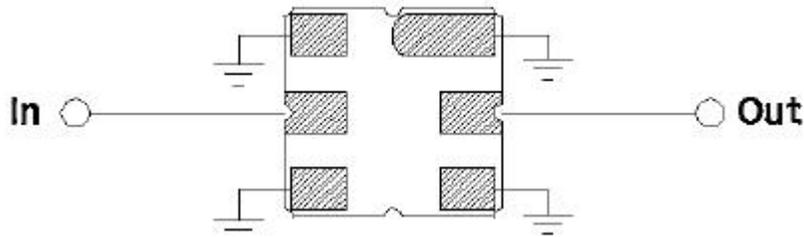
* No Matching Network(Ref. Testing Enviroment Circuit as shown below)

PACKAGE OUTLINE (mm)



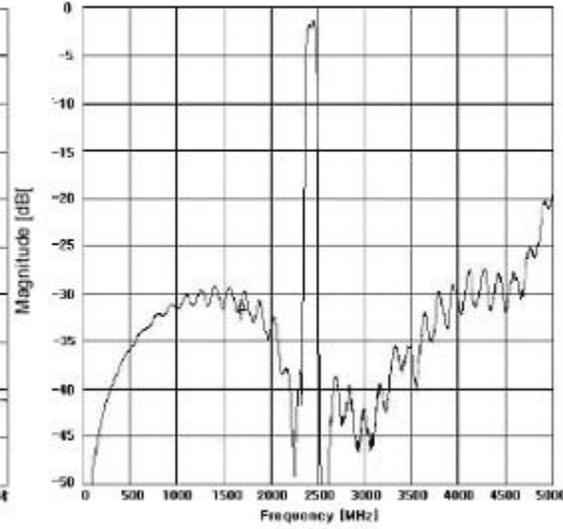
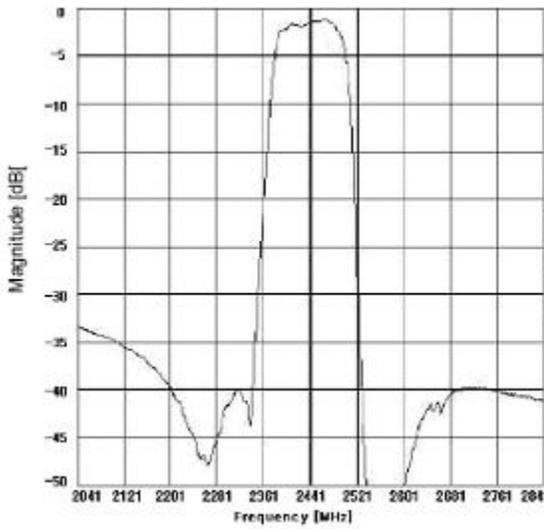
PIN LAYOUT	
A	Ground
B	Out
C	Ground
D	Ground
E	In
F	Ground

TEST FIXTURE

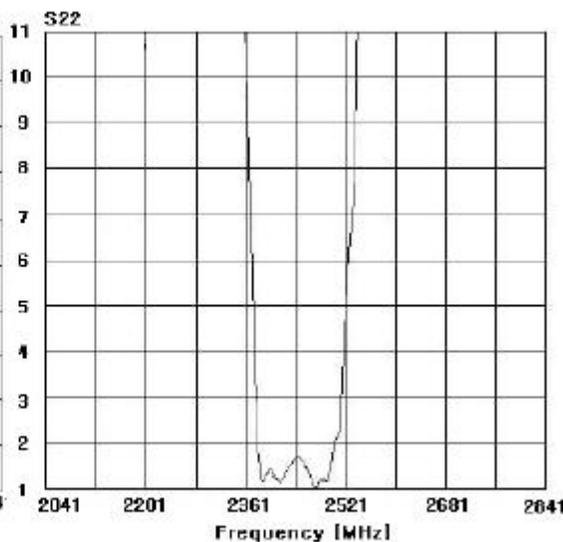
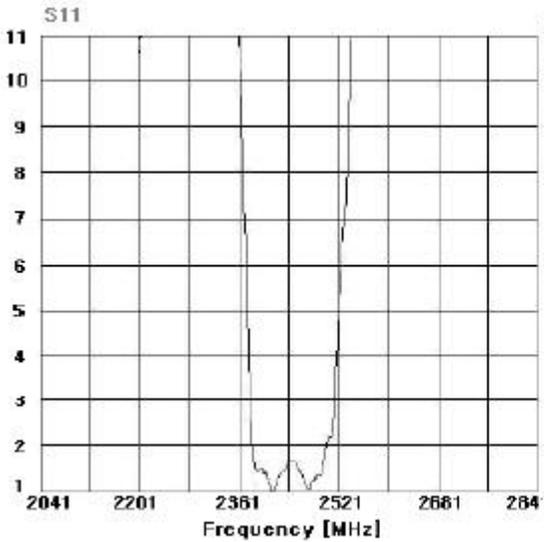


Load/ Source Impedance = 50 ohms

FREQUENCY RESPONSE

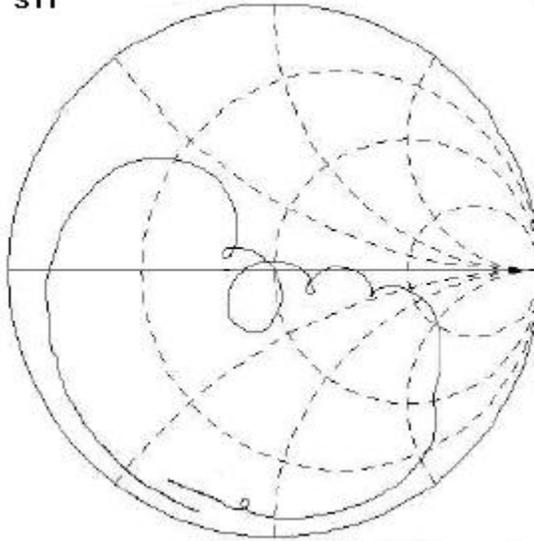


VSWR

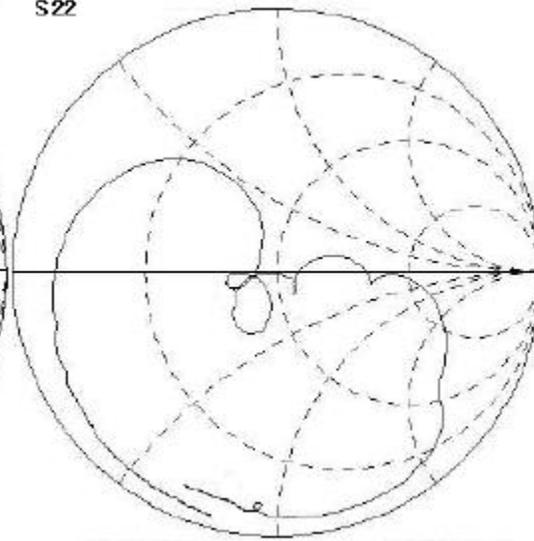


SMITH CHART

S11



S22



Oscilent Corporation - CALL **949.252.0522**

Part No.: 802-RF2441.8M-A

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