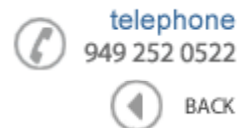




Data Sheet



Product Category: RF SAW Filter

Part Number	Package	Application	Last Modified
802-RF1472.0M-A	3.0 x 3.0 SMD	RF Band Pass	Mar. 2, 2007

TYPE :
RF Band Pass SAW Filter

PART NUMBER :
802-RF1472.0M-A

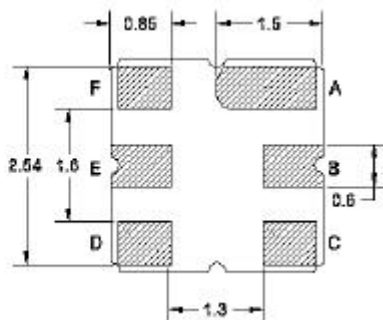
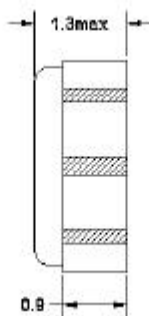
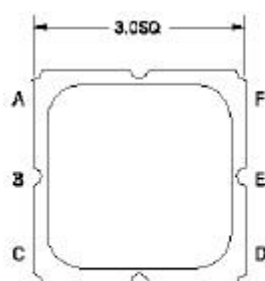


OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	-	1472.0	-	MHz
Maximum Insertion Loss	1452.0~ 1492.0 MHz	-	3.5	4.5	dB
Attenuation:	DC~ 1300.0 MHz	50	60	-	dB
	1300.0~ 1410.0 MHz	40	50	-	
	1560.0~ 1620.0MHz	37	42	-	
	1620.0~ 2500.0 MHz	35	45	-	
	2500.0~ 3000.0 MHz	30	37	-	
Source Impedance (single ended)*	-	-	50	-	ohm
Load Impedance (single ended)*	-	-	50	-	ohm
VSWR	1452.0~ 1492.0 MHz	-	1.5	2.0	-
Amplitude Ripple	1452.0~ 1492.0 MHz	-	0.9	2.0	dBp-p
Maximum DC Voltage	-	-	-	5	V
Maximum Input Power	-	-	-	15	dBm
Operating Temperature	-	-30	-	+85	°C

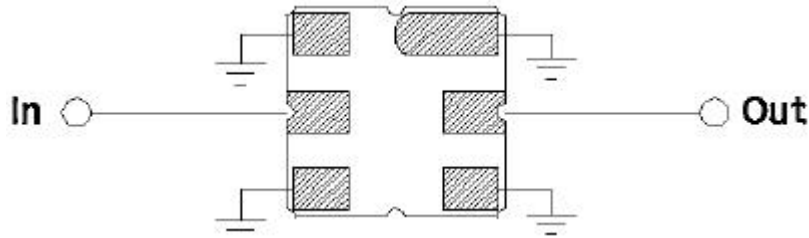
* No Matching Network(Ref. Testing Enviroment Circuit as shown below)

PACKAGE OUTLINE (mm)



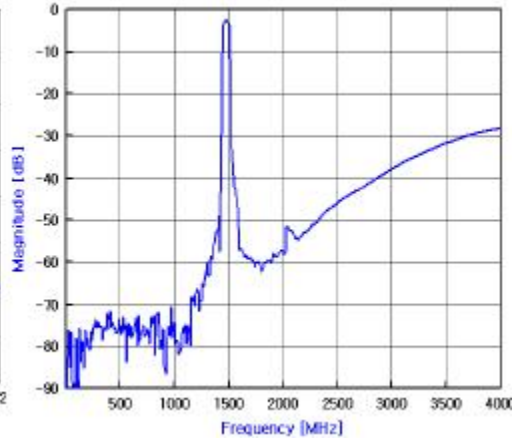
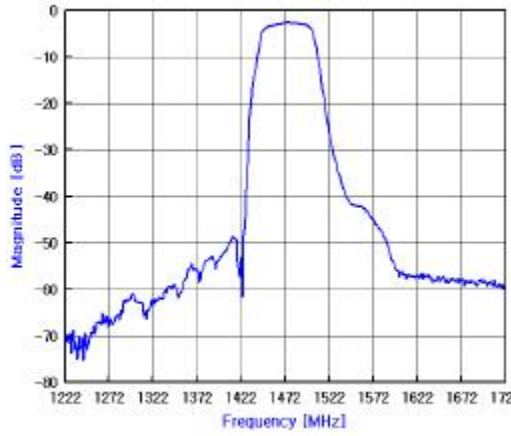
PIN LAYOUT	
A	Ground
B	Out
C	Ground
D	Ground
E	In
F	Ground

TEST FIXTURE

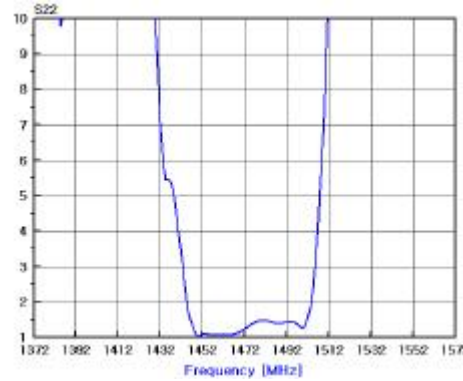
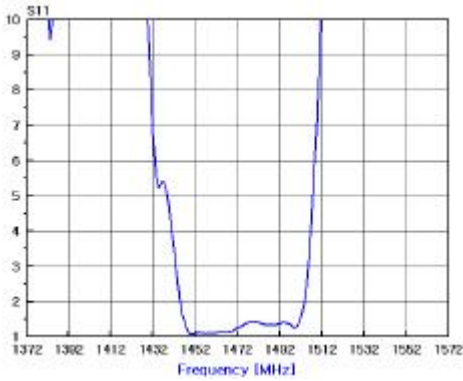


Load/ Source Impedance = 50 ohms

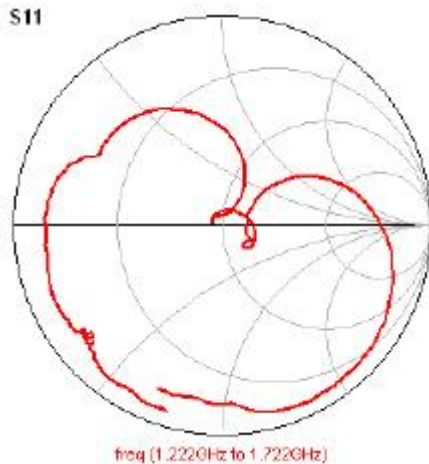
FREQUENCY RESPONSE



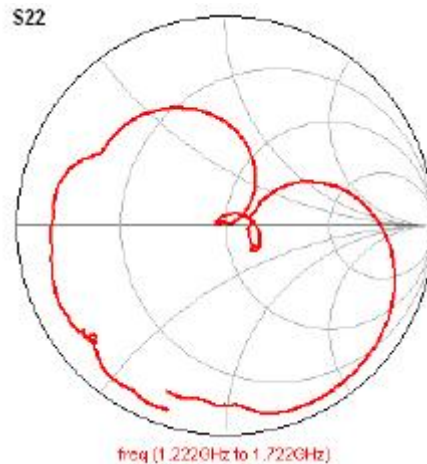
VSWR



SMITH CHART



freq (1.222GHz to 1.722GHz)



freq (1.222GHz to 1.722GHz)

[Crystal Oscillators](#) | [Quartz Crystal](#) | [TCXO](#) | [VCXO](#) | [IF SAW Filter](#) | [RF SAW Filter](#) | [Ceramic Resonator](#)
[Crystal Filter](#) | [Ceramic Filter](#) | [SAW Filter / SAW Devices](#) | [Site Map](#)