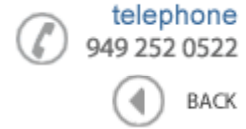




**Data Sheet**



Product Category: RF SAW Filter

Part Number	Package	Application	Last Modified
802-RF976.0M-A	3.0 x 3.0 SMD	Wireless	Jan. 01, 2007

TYPE :  
Wireless, RF SAW Filter



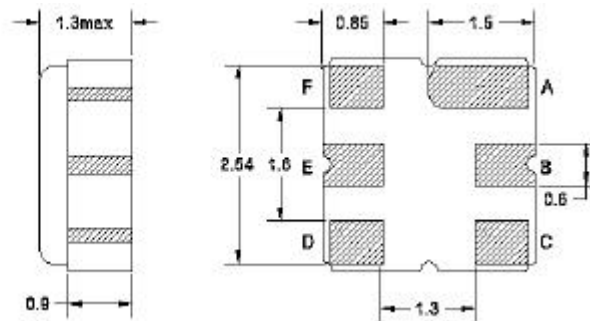
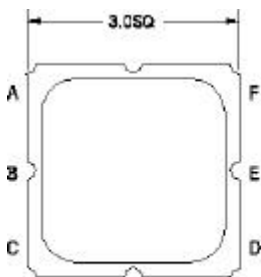
PART NUMBER :  
**802-RF976.0M-A**

**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	-	976.0	-	MHz
Maximum Insertion Loss	960.0~ 992.0 MHz	-	3.0	4.0	dB
Stop Band Attenuation:	D.C.~ 900.0 MHz	40	47	-	dB
	900.0~930.0 MHz	35	45	-	
	1030.0~ 2000.0MHz	25	38	-	
Amplitude Ripple	960.0~ 992.0MHz	-	0.9	1.8	dBp-p
Source Impedance (single ended)*	-	-	50	-	ohm
Load Impedance (single ended)*	-	-	50	-	ohm
VSWR	960.0~ 992.0 MHz	-	1.7	2.5	-
Maximum DC Voltage	-	-	-	0	V
Maximum Input Power	-	-	-	10	dBm
Operating Temperature	-	0	-	+50	°C

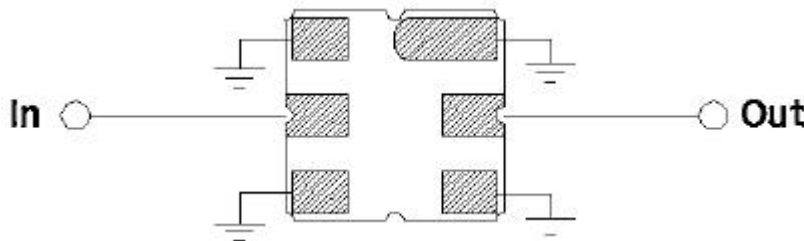
\* No Matching Network(Ref. Testing Enviroment Circuit as shown below)

**PACKAGE OUTLINE (mm)**



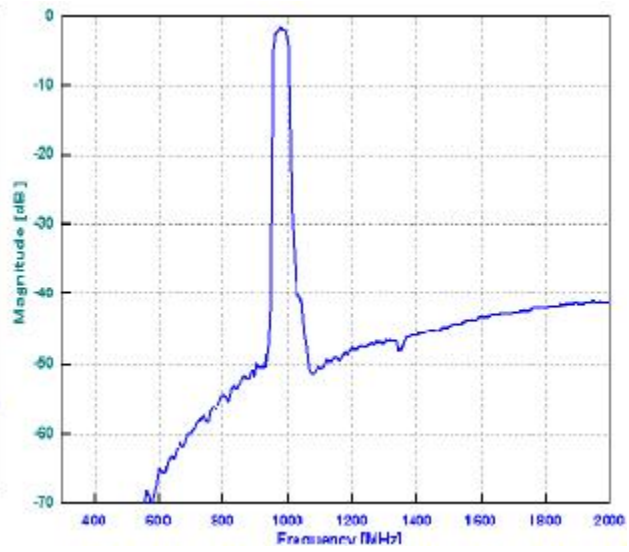
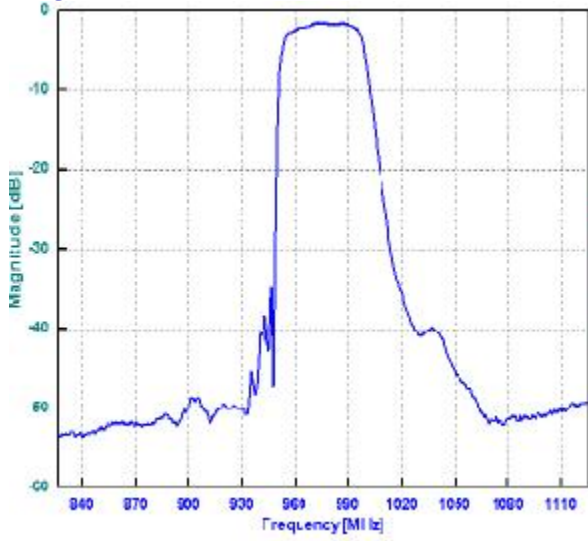
PIN LAYOUT	
A	Ground
B	Out
C	Ground
D	Ground
E	In
F	Ground

**TEST FIXTURE**

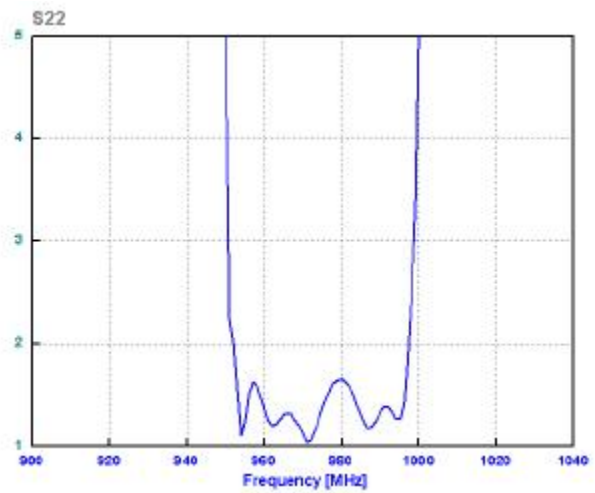
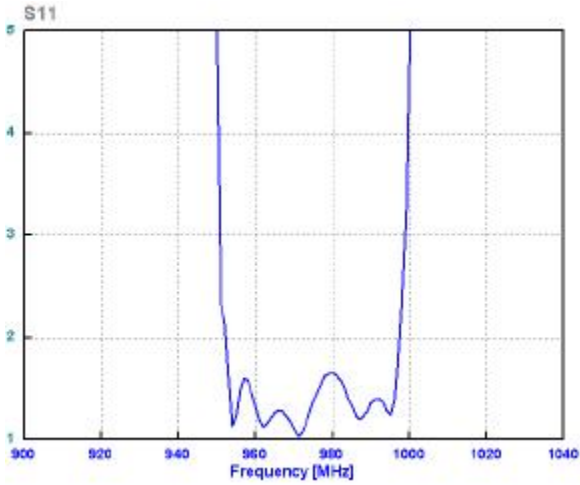


Load/ Source Impedance = 50 ohms

### FREQUENCY RESPONSE

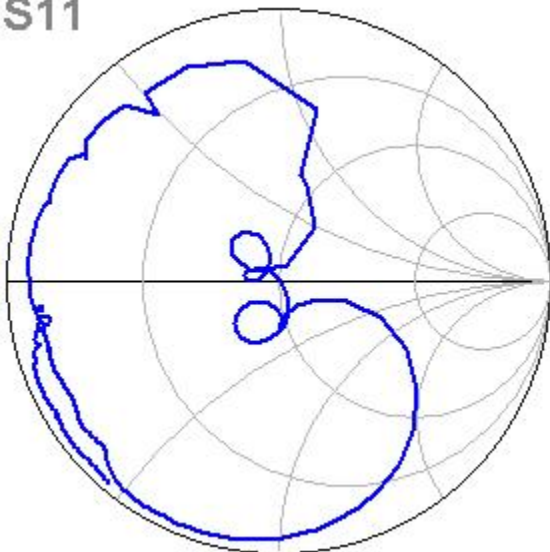


### VSWR

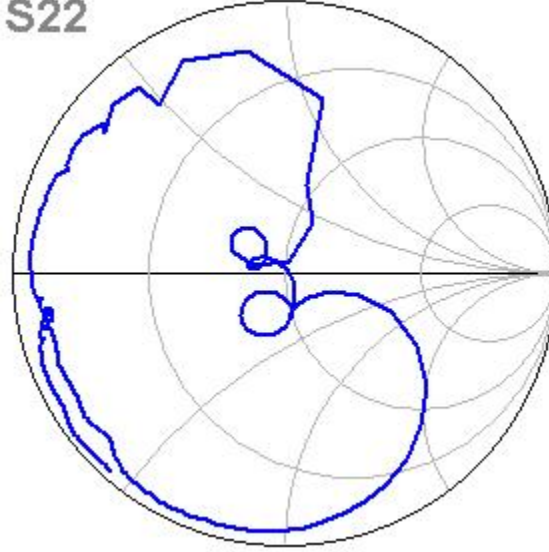


### SMITH CHART

S11



S22



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Fax: 949.252.0599 , E-Mail: [Sales@Oscilent.com](mailto:Sales@Oscilent.com)

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