

- Wireless, RF SAW Filter
- Revision 2: March 2012

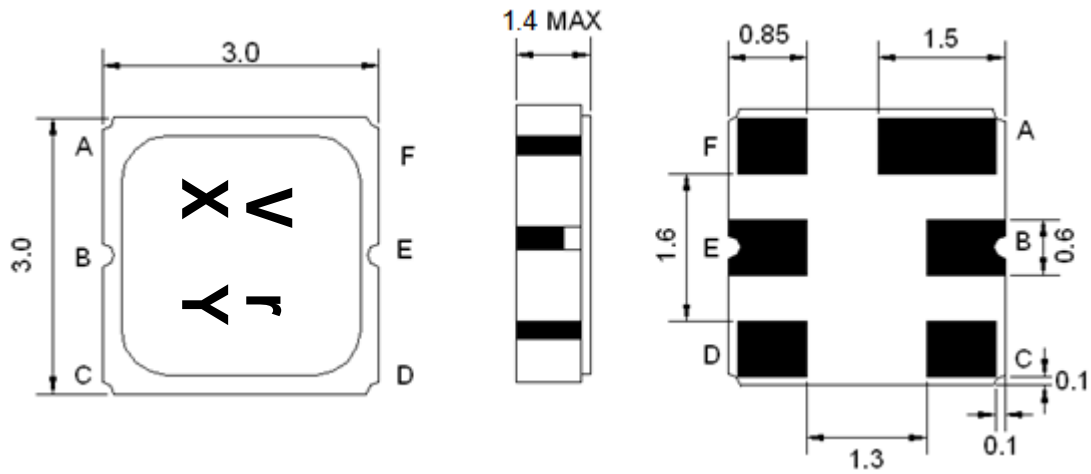
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	0	-	+50
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	M			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.4

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	978.0	-
Insertion Loss within 962.0 ~ 994.0 MHz	dB	-	2.85	4.0
Amplitude Ripple within 962.0 ~ 994.0 MHz	dB <sub>p-p</sub>	-	0.85	1.8
<b>Attenuation: (Reference level from 0dB)</b>				
D.C ~ 900.0 MHz	dB	40	65	-
900.0 ~ 930.0 MHz	dB	35	52	-
1030.0 ~ 2000.0 MHz	dB	25	42	-
VSWR within 962 ~ 994 MHz	-	-	2.15	2.5

**Notes:** (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

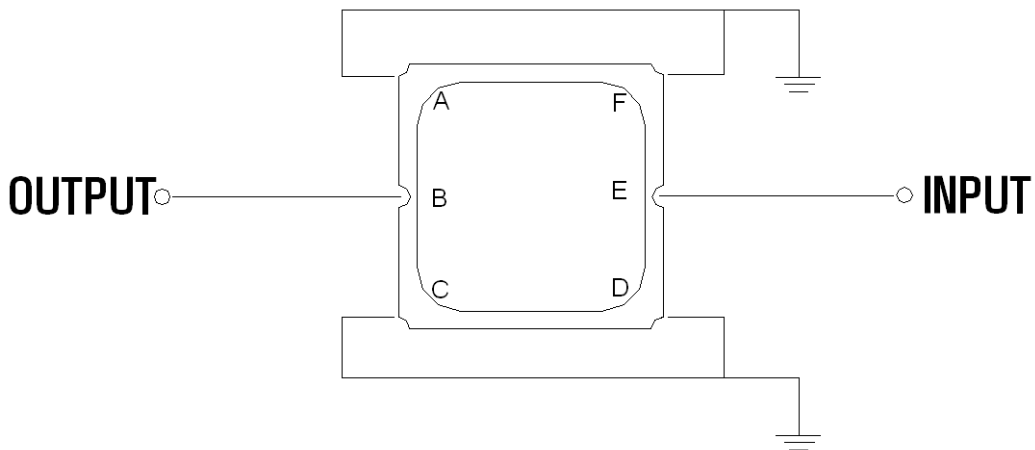
## Package Dimensions



Marking Descriptions	
V	Wireless Application
r	Series Number
X	Date Code (Year)
Y	Date Code (Month)

Pin Description	
A, C, D, F	Ground
E	In
B	Out

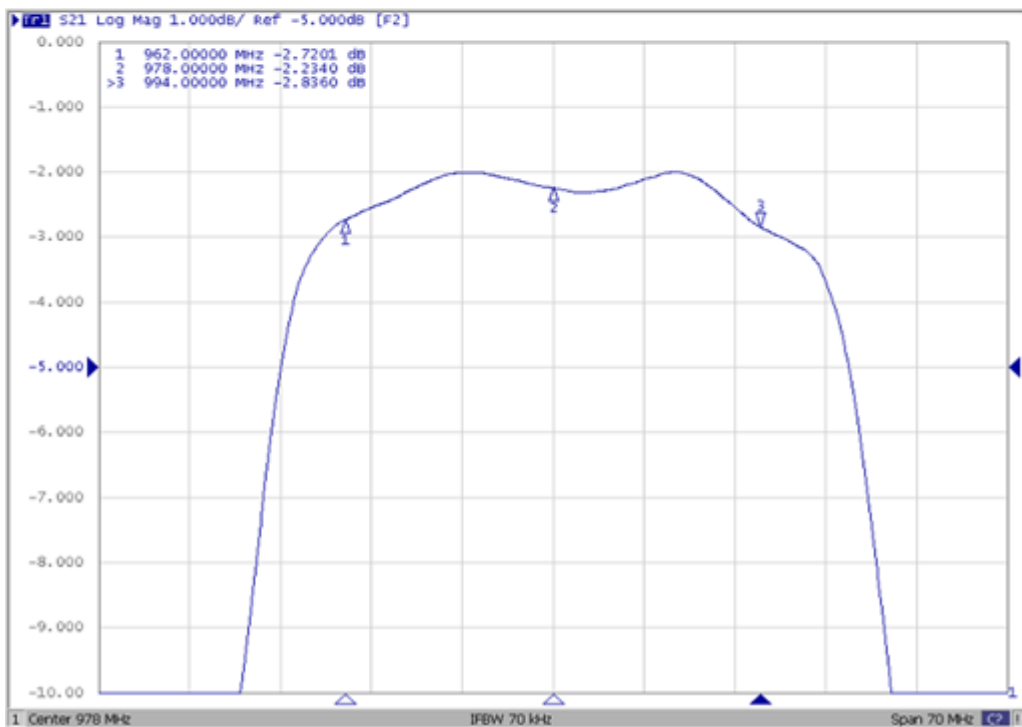
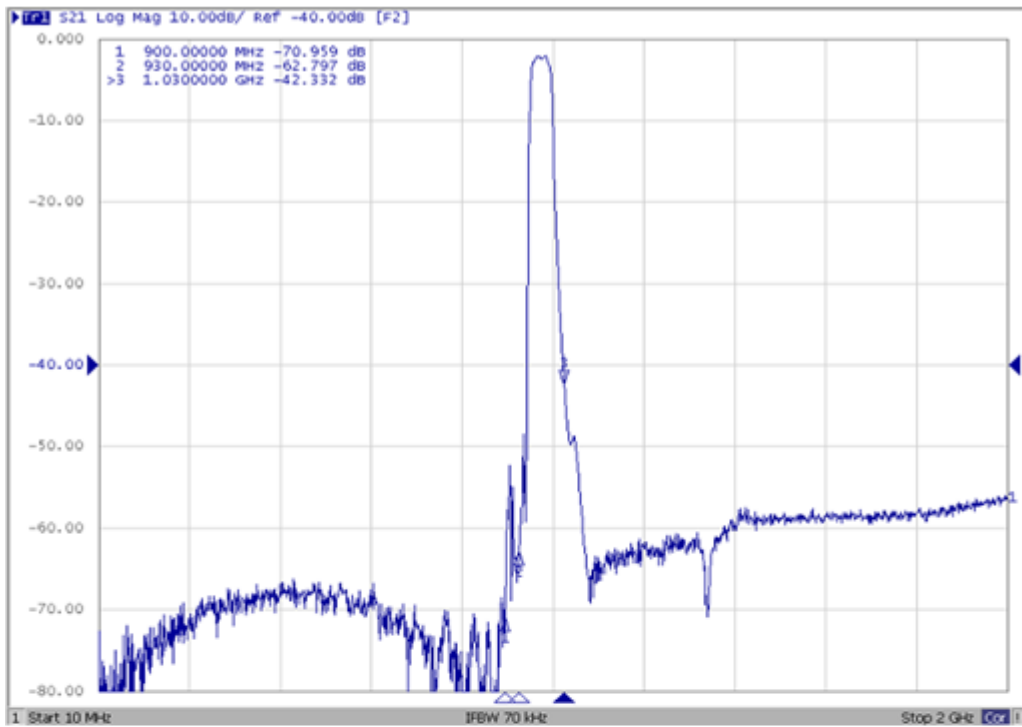
## Testing Environment



Source & Load Impedance: 50  $\Omega$

## Frequency Characteristics

### Frequency Response



## VSWR

S11

S22

