

- WIBRO, RF SAW Filter
- Revision 0: MAY 2007

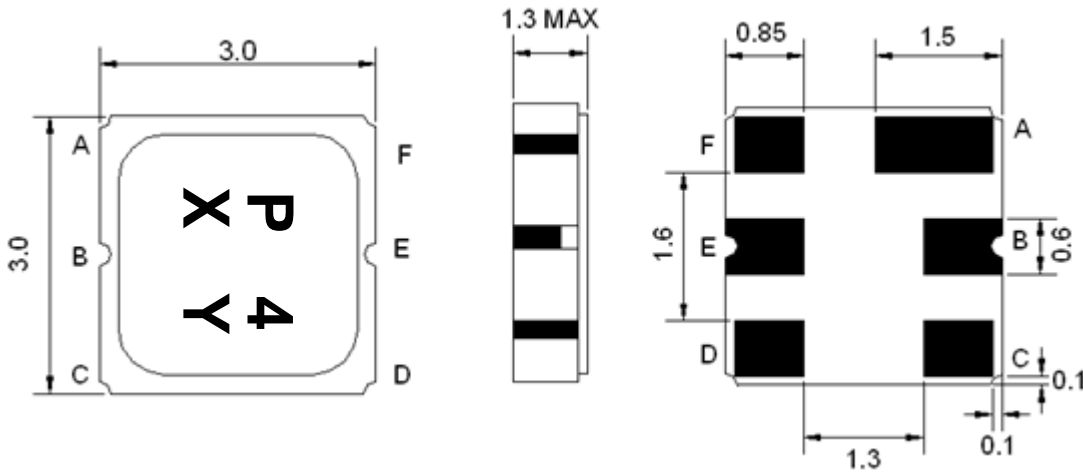
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum 0020DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	2345.0	-
Insertion Loss within 2331.5 ~ 2358.5 MHz	dB	-	2.4	4.0
Amplitude Ripple within 2331.5 ~ 2358.5 MHz	dB _{p-p}	-	0.6	2.0
Attenuation:				
D.C. ~ 1980 MHz	dB	15	20	-
1980 ~ 2225 MHz	dB	15	19	-
2225 ~ 2270 MHz	dB	7	11	-
2445 ~ 2700 MHz	dB	20	31	-
2700 ~ 4000 MHz	dB	10	14	-
VSWR within 2331.5 ~ 2358.5 MHz	-	-	2.4	3.0

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

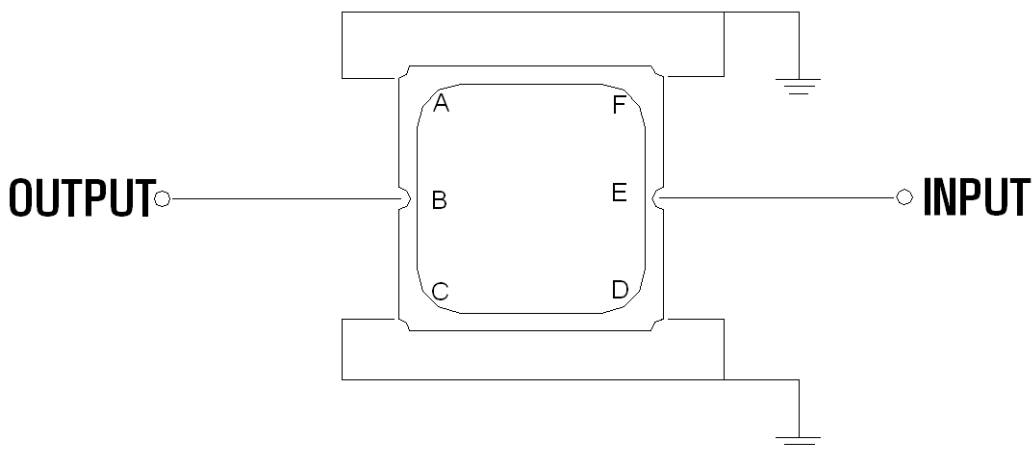
Package Dimensions



Marking Descriptions	
P	Wibro Application
4	Series Number
X	Date Code (Year)
Y	Date Code (Month)

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

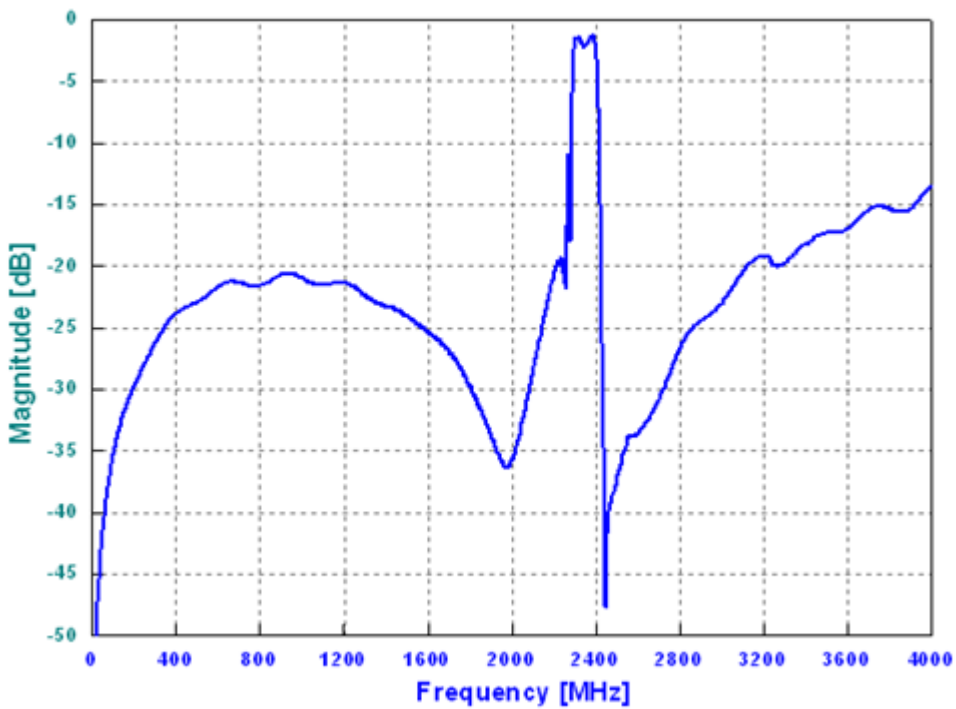
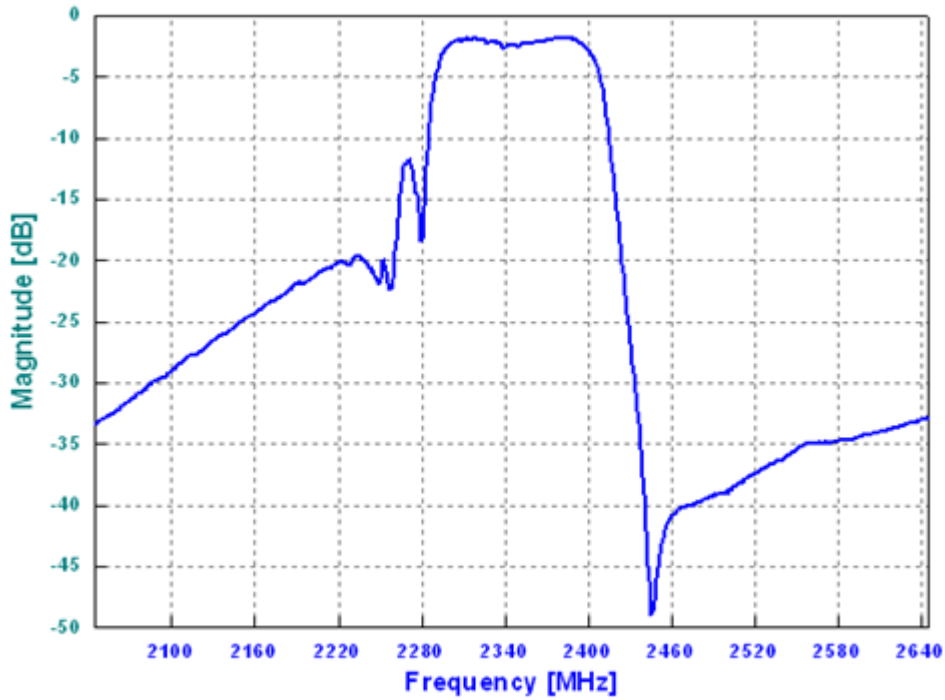
Testing Environment



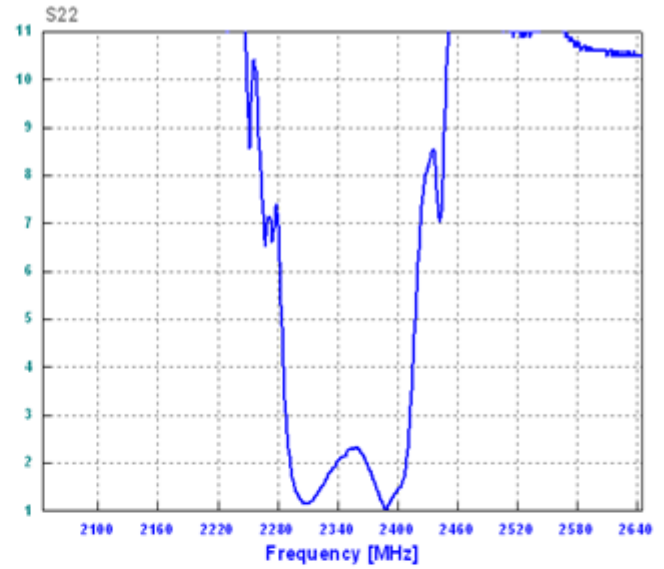
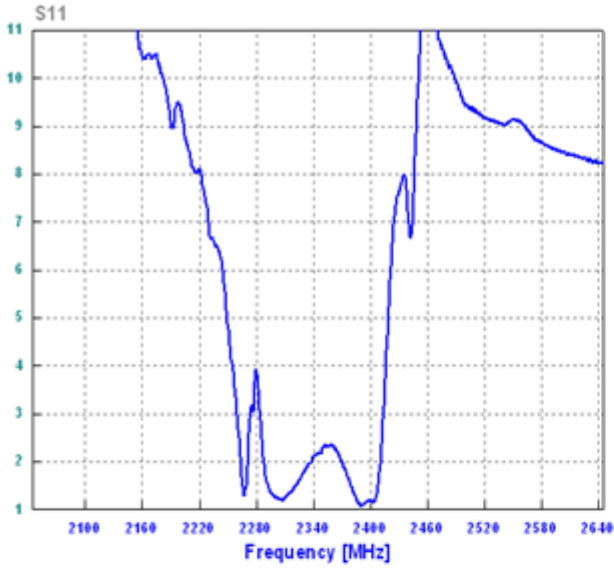
Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response



VSWR



Smith Chart

