

- Wireless, RF SAW Filter
- Revision 0: September 2007

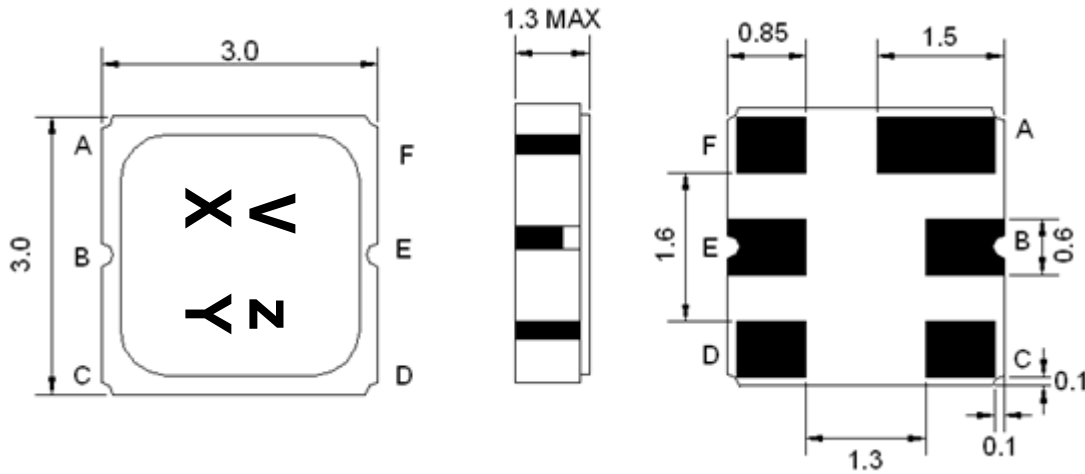
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
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	-	1970.0	-
Insertion Loss within 1960.0 ~ 1980.0 MHz	dB	-	2.2	3.0
Amplitude Ripple within 1960.0 ~ 1980.0 MHz	dB _{p-p}	-	0.8	1.5
Return Loss within 1960.0 ~ 1980.0 MHz	dB	9	12	-
Attenuation:				
1900.0 MHz	dB	20	30	-

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

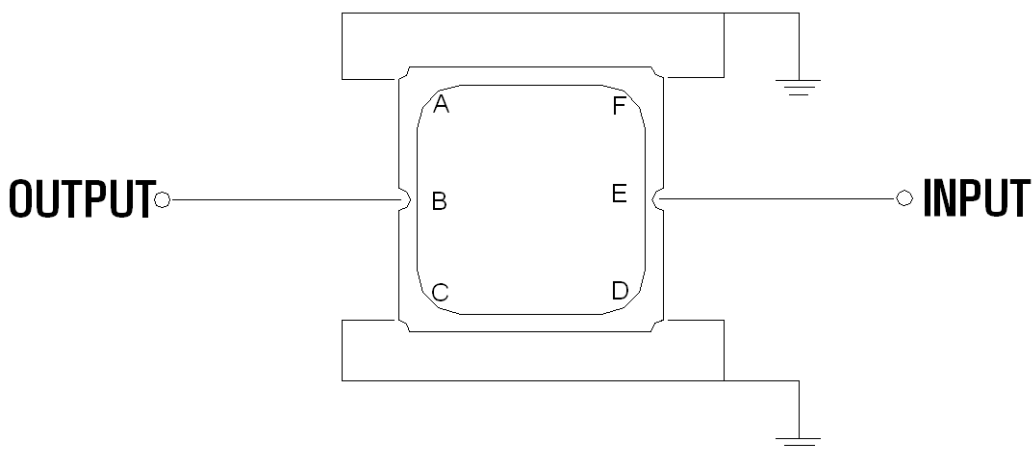
Package Dimensions



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

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

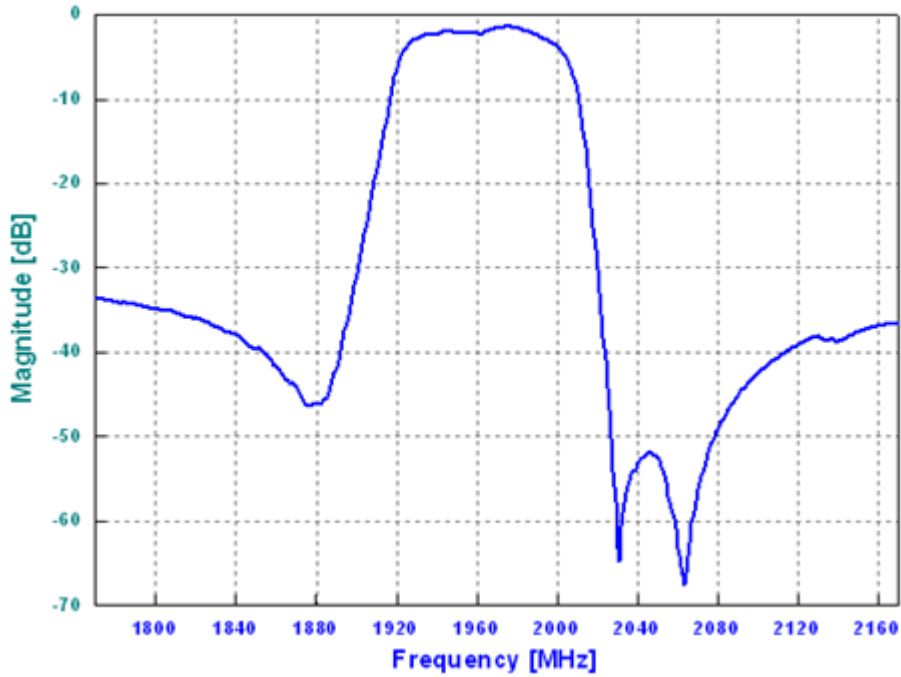
Testing Environment



Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response



Return Loss

