

- Wireless, RF SAW Filter
- Revision 0:

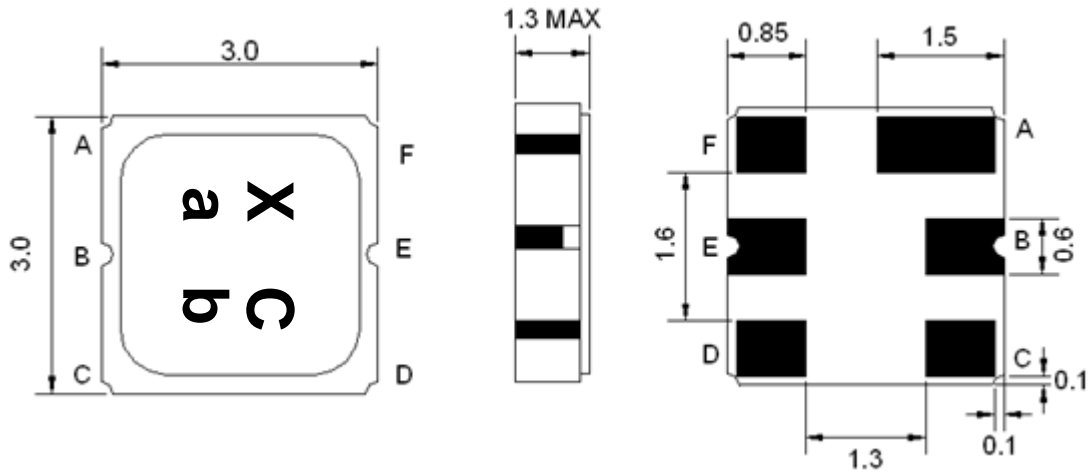
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	15
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	-	1538.5	-
Insertion Loss within 1523.0 ~ 1553.0 MHz	dB	-	3.4	4.2
Amplitude Ripple within 1523.0 ~ 1553.0 MHz	dB _{p-p}	-	0.7	2.0
Attenuation:				
D.C. ~ 1425.0 MHz	dB	40	52	-
1425.0 ~ 1485.0 MHz	dB	20	27	-
1600.0 ~ 1630.0 MHz	dB	27	38	-
1630.0 ~ 3000.0 MHz	dB	15	23	-
VSWR within 1523.0 ~ 1553.0 MHz	-	-	1.7	2.3

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

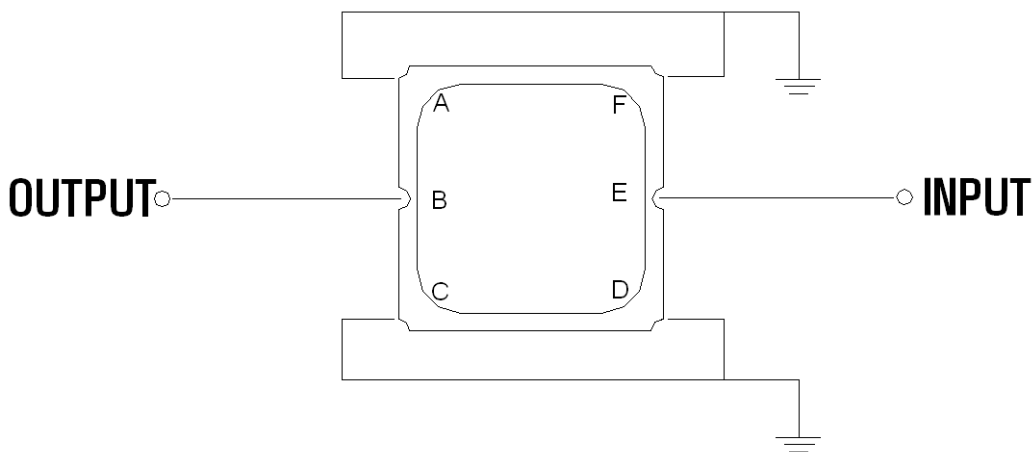
Package Dimensions



Marking Descriptions	
X	Wireless Application
C	Series Number
a	Date Code (Year)
b	Date Code (Month)

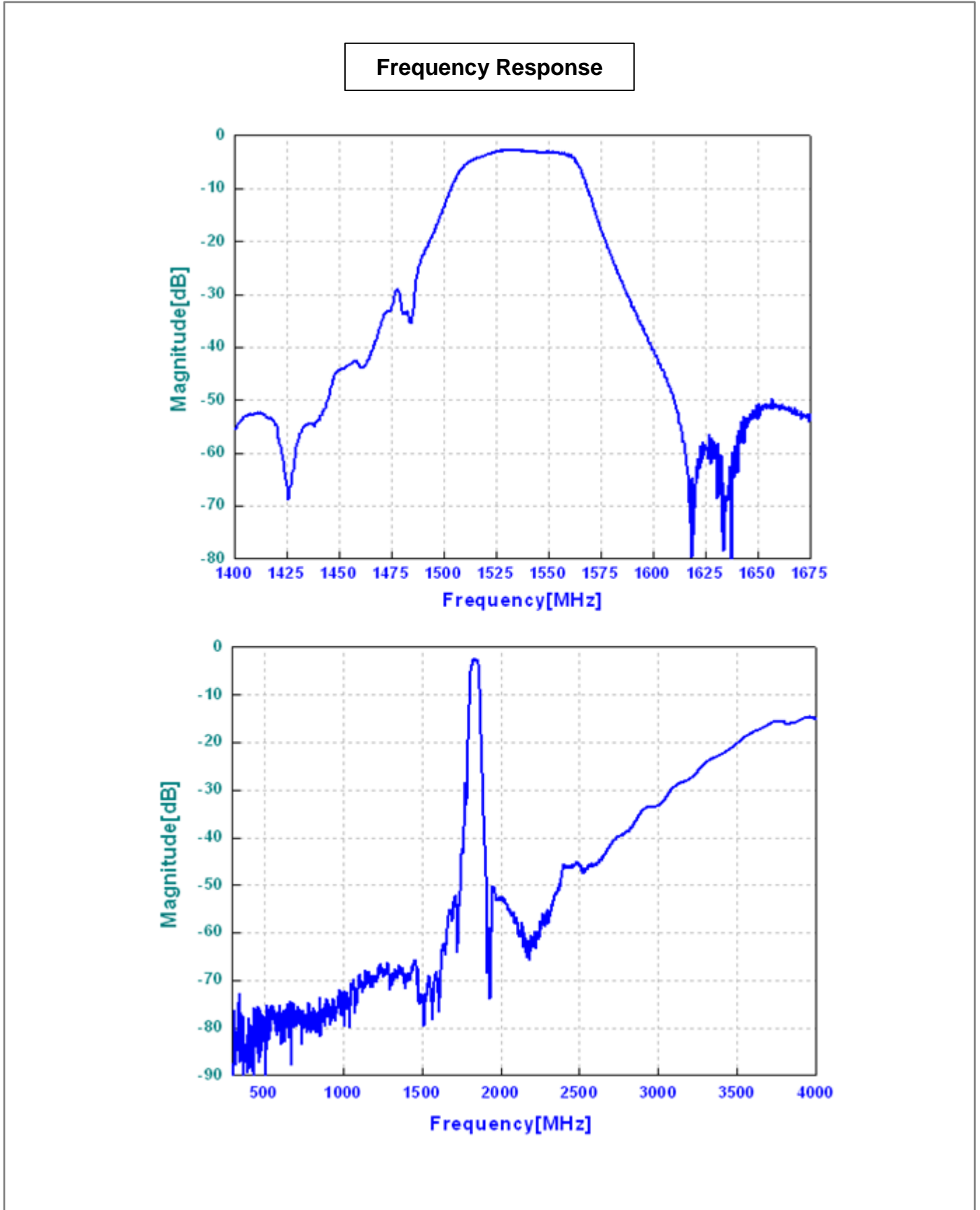
Pin Description	
A, C, D, F	Ground
E	In
B	Out

Testing Environment

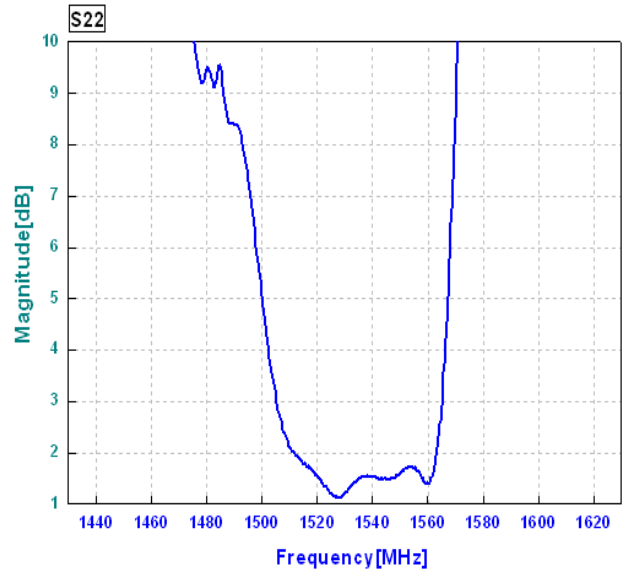
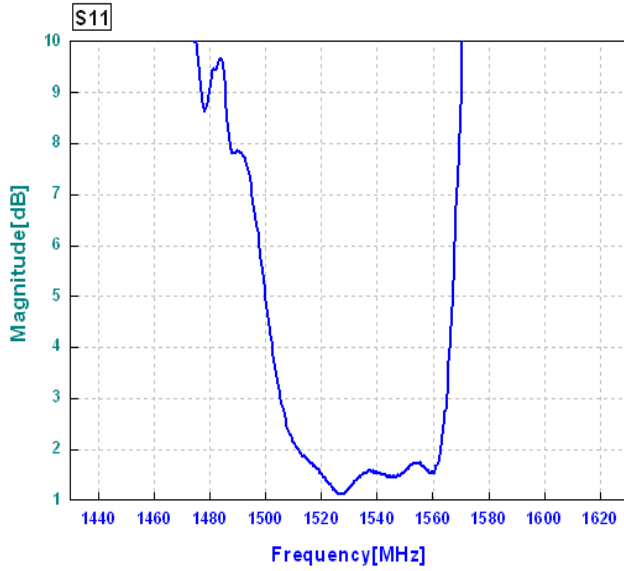


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

