

- GPS, RF SAW Filter
- Revision 1: August 2012

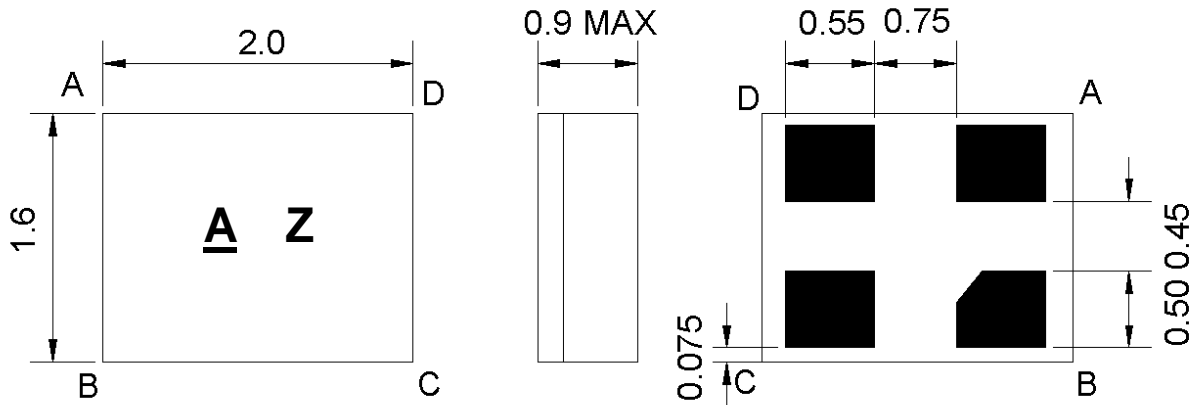
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	7.5
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	J2			
Length x Width	mm <sup>2</sup>	-	2.0 x 1.6	-
Height	mm	-	-	0.9

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1575.42	-
Insertion Loss within 1574.42~1576.42MHz	dB	-	1.2	1.6
Amplitude Ripple within 1574.42~1576.42MHz	dB <sub>p-p</sub>	-	0.1	0.8
-2dB Bandwidth	MHz	-	42	-
<b>Attenuation:</b>				
D.C. ~ 1000.0 MHz	dB	20	34	-
1500.0 MHz	dB	33	38	-
1625.0 ~ 1635.0 MHz	dB	30	39	-
1800.0 ~ 3000.0 MHz	dB	25	32	-
VSWR within 1574.42~1576.42MHz	-	-	1.2	1.8

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

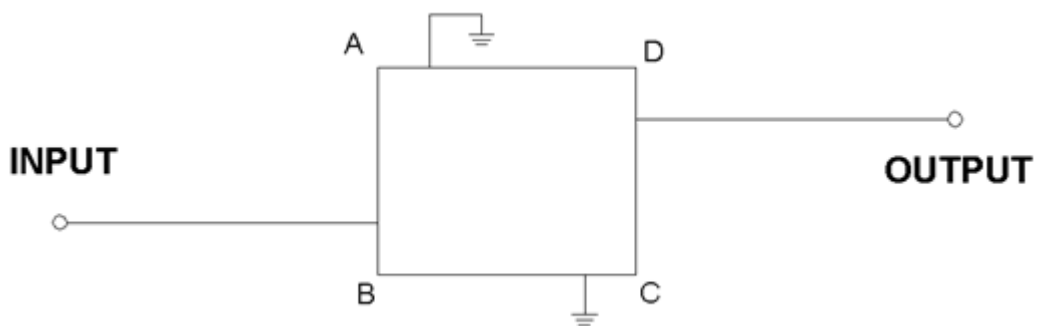
## Package Dimensions



Marking Descriptions	
<u>A</u>	Series Number
Z	Date Code (Year+Month)

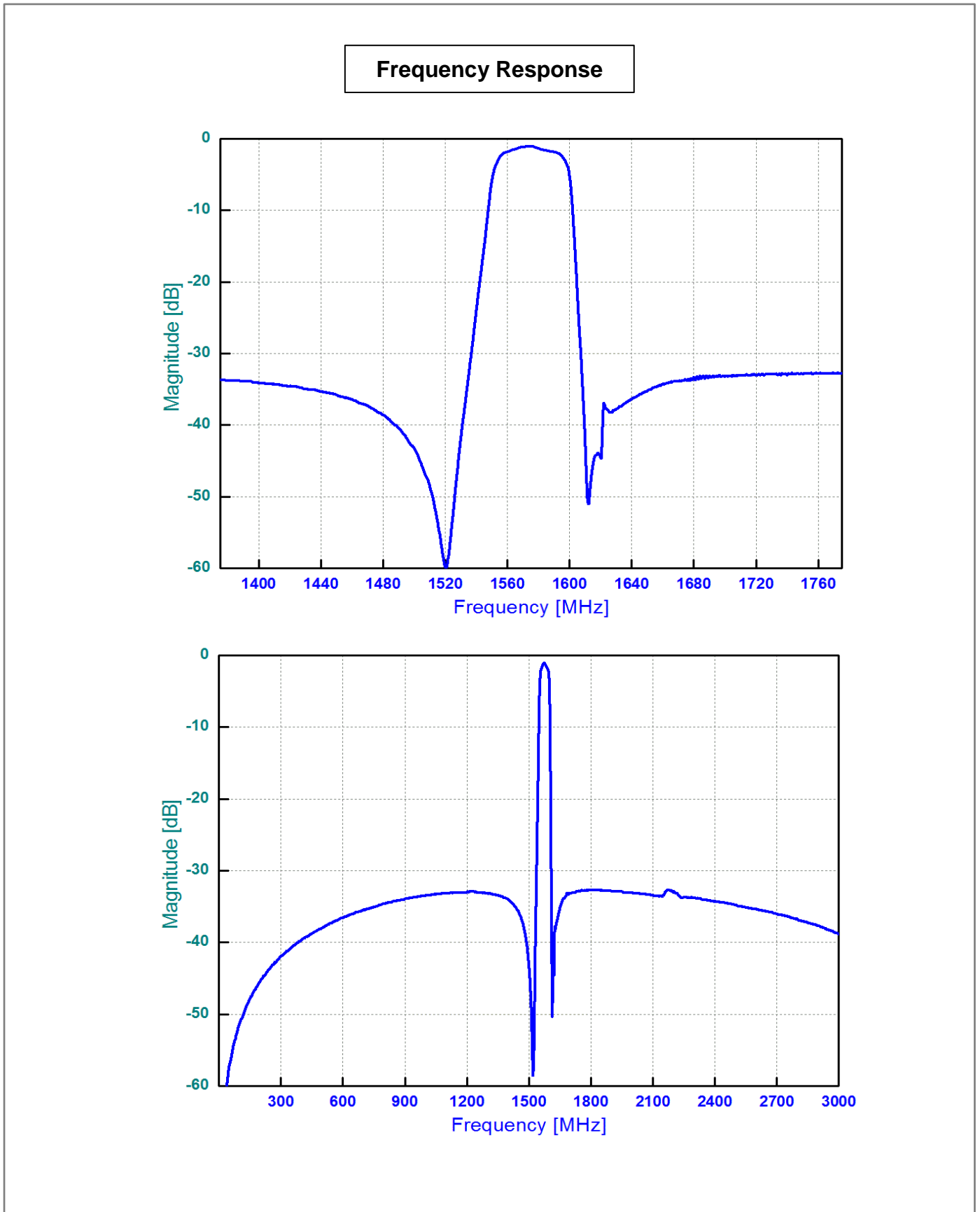
Pin Description	
A, C	Ground
B	In
D	Out

## Testing Environment

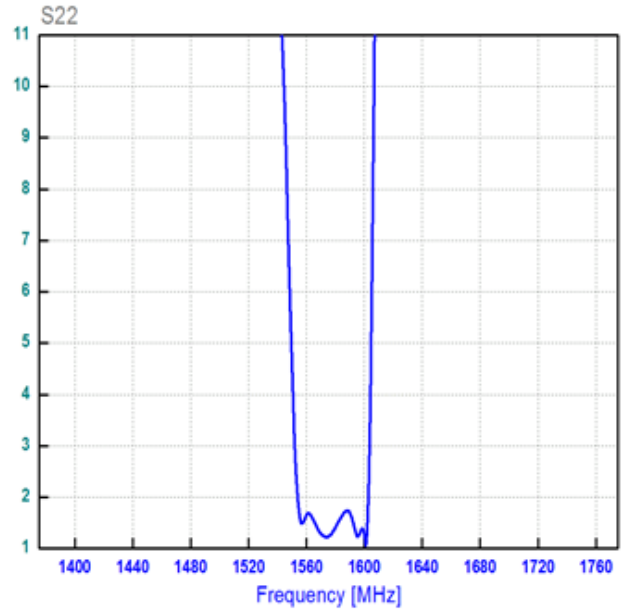
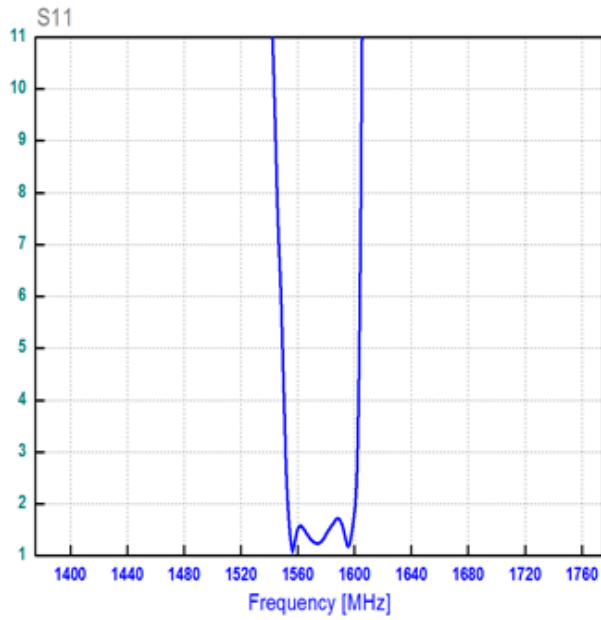


Source & Load Impedance: 50  $\Omega$

## Frequency Characteristics



## VSWR



## Smith Chart

