

- Wireless, RF SAW Filter
- Revision 0: October 2009

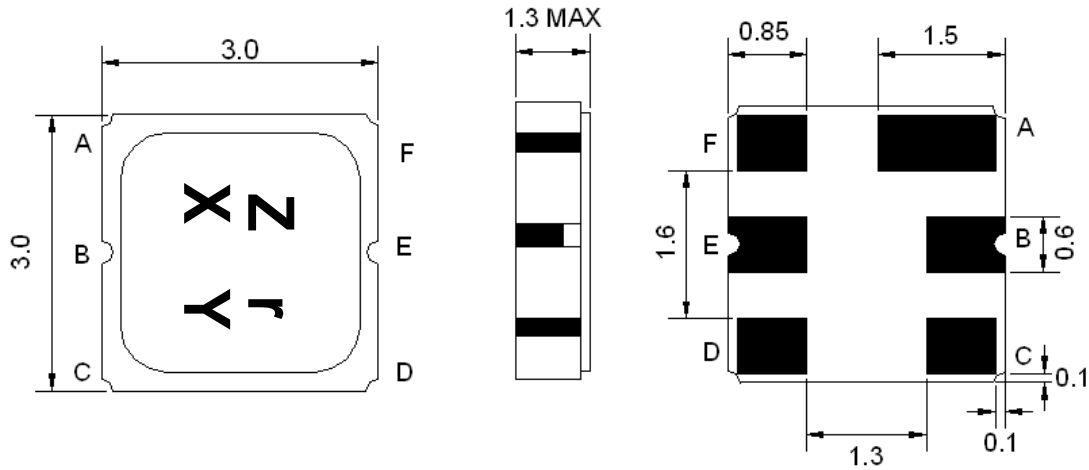
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-10	-	+70
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	-	-	1.3

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	691.5	-
Insertion Loss at Fo	dB	-	0.9	3.0
<b>Attenuation:</b>				
D.C ~ 650.0 MHz	dB	35	46	-
824.0 ~ 849.0 MHz	dB	35	41	-
869.0 ~ 894.0 MHz	dB	35	41	-
VSWR at Fo	-	-	1.4	2.0

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

## Package Dimensions



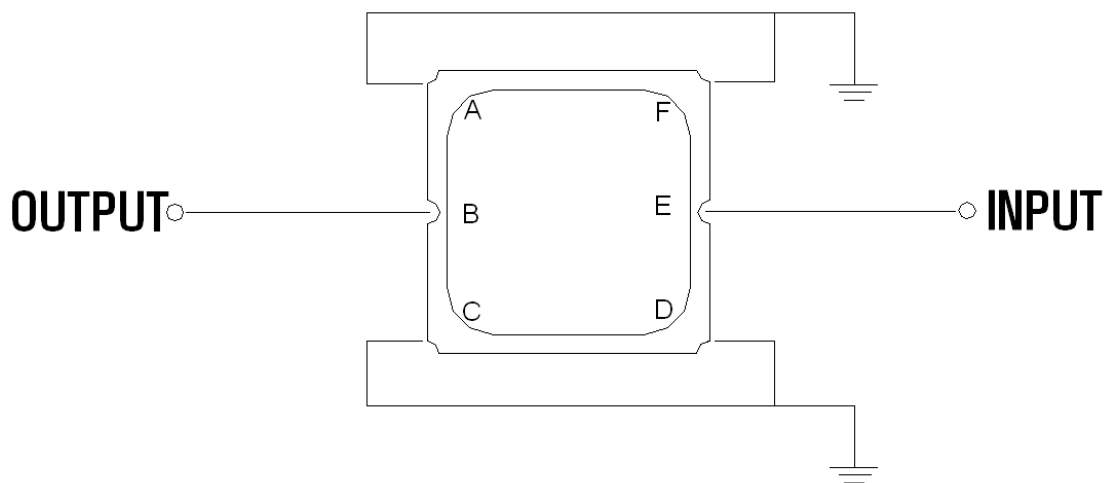
### Marking Descriptions

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

### Pin Description

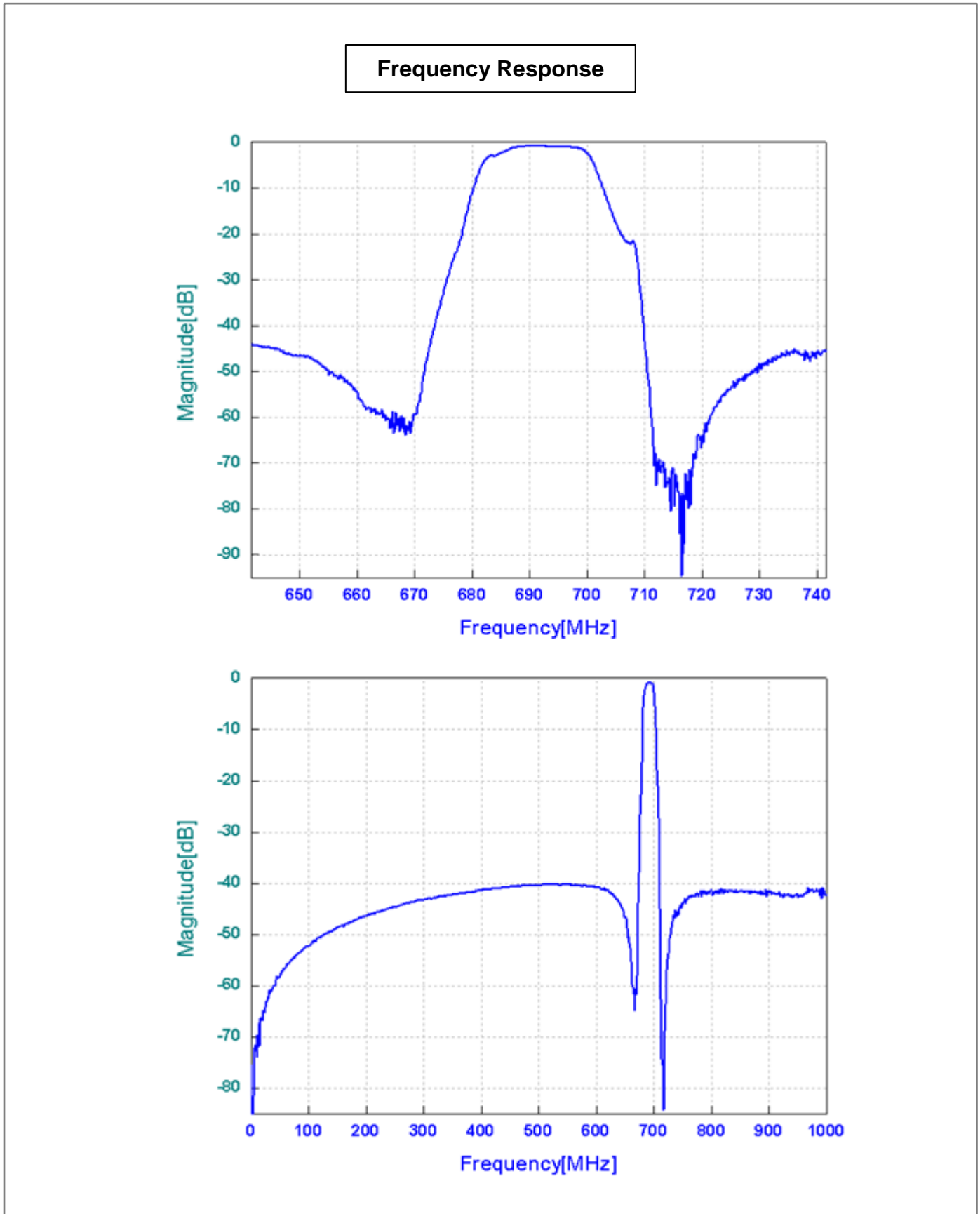
Pin Description	
A, C, D, F	Ground
B	In or Out
E	Out or In

## Testing Environment

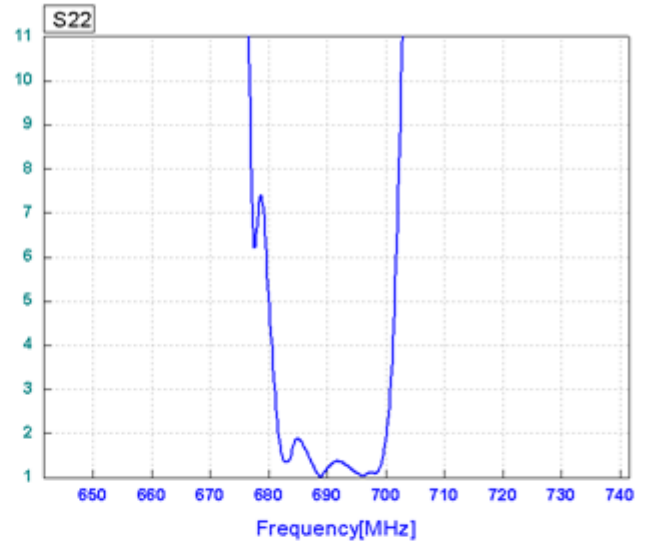
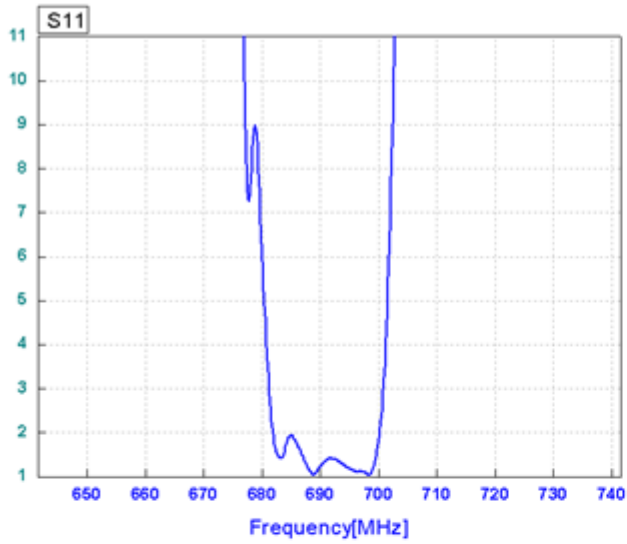


Source & Load Impedance: 50  $\Omega$

## Frequency Characteristics



## VSWR



## Smith Chart

