

- Wireless, RF SAW Filter
- Revision 0: July 2012

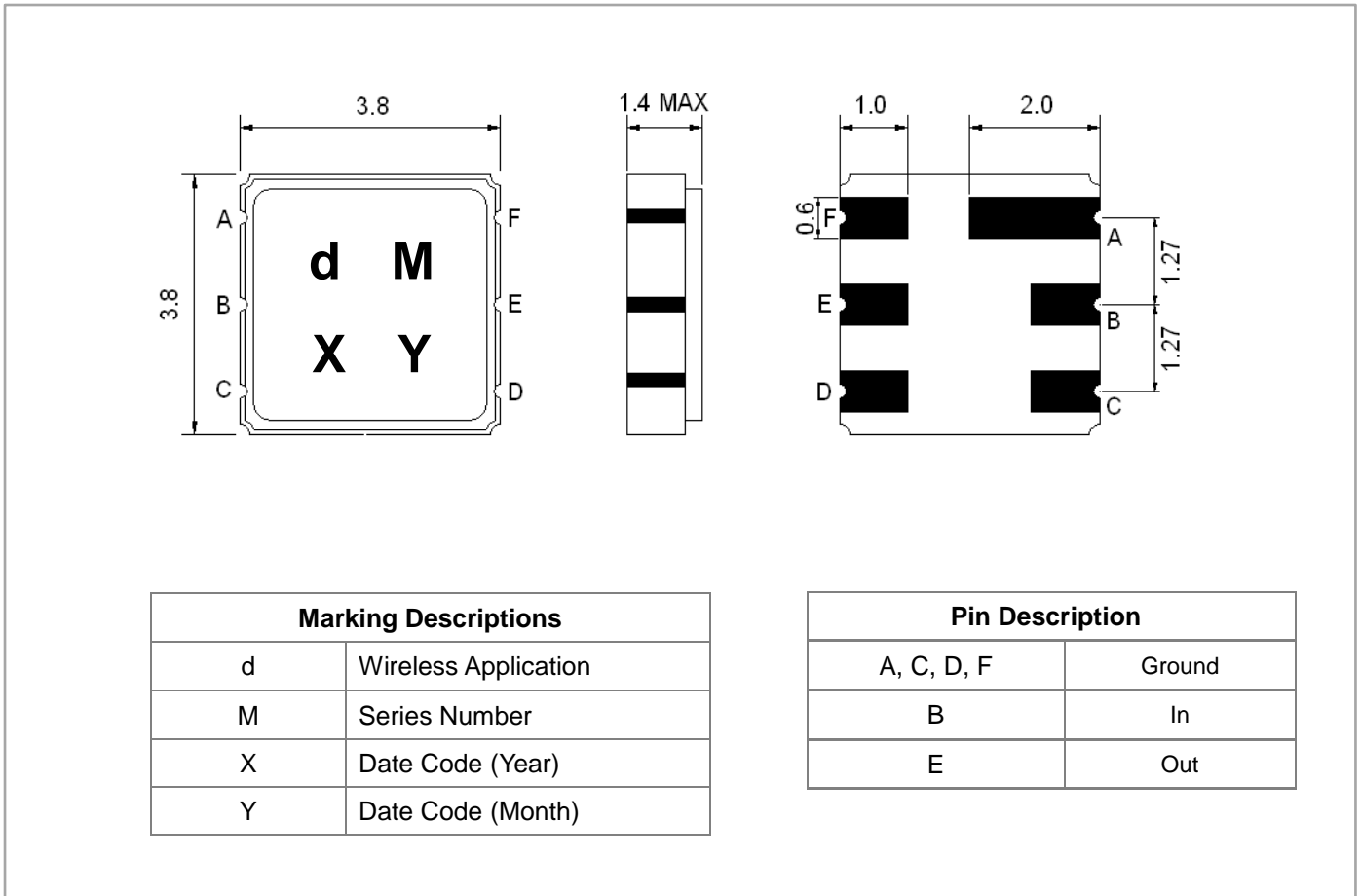
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-55	-	+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	P			
Length x Width	mm <sup>2</sup>	-	3.8 x 3.8	-
Height	mm	-	-	1.4

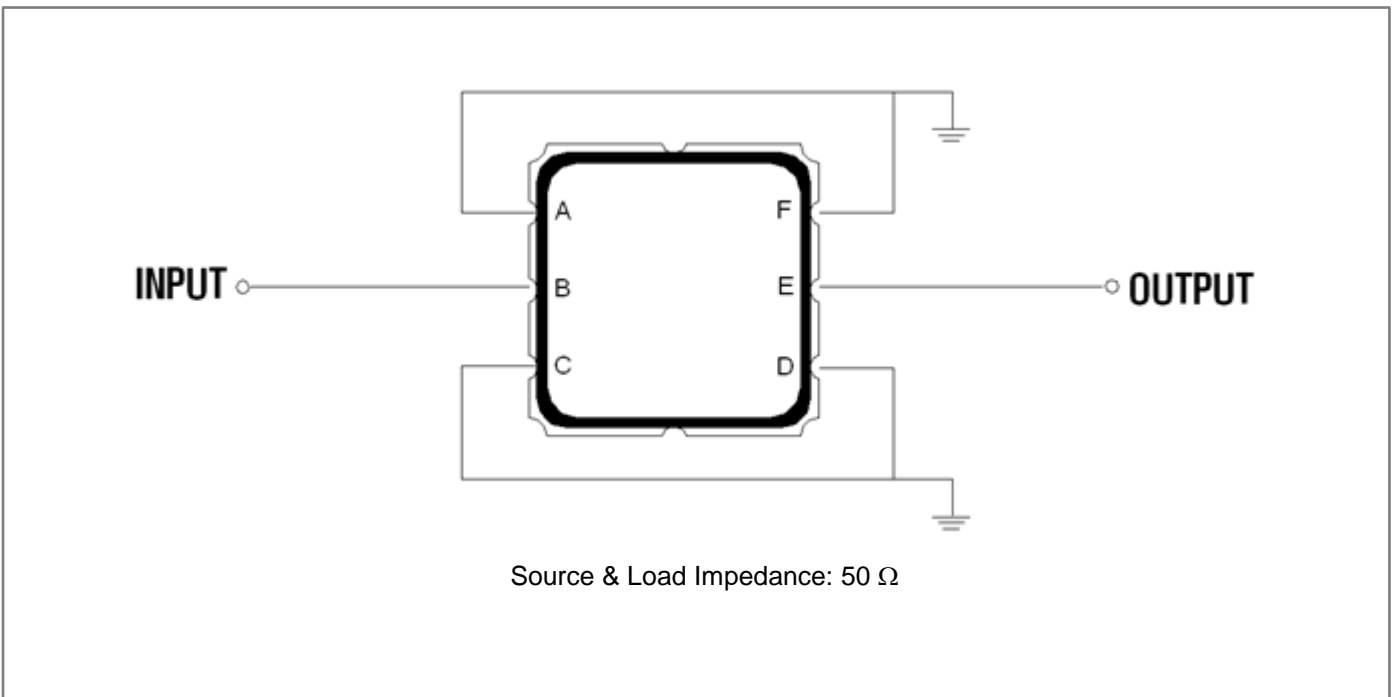
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1300.0	-
Insertion Loss within 1285.0 ~ 1315.0 MHz	dB	-	1.3	3.0
Amplitude Ripple within 1285.0 ~ 1315.0 MHz	dB <sub>p-p</sub>	-	0.7	1.5
<b>Attenuation:</b>				
200.0 ~ 1100.0 (Fo-200.0) MHz	dB	25	28	-
1225.0 (Fo-75.0) MHz	dB	35	43	-
1375.0 (Fo+75.0) MHz	dB	30	35	-
1500.0 (Fo+200.0) ~ 3000.0 MHz	dB	15	18	-
VSWR within 1285.0 ~ 1315.0 MHz	-	-	1.5	2.0

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

## Package Dimensions

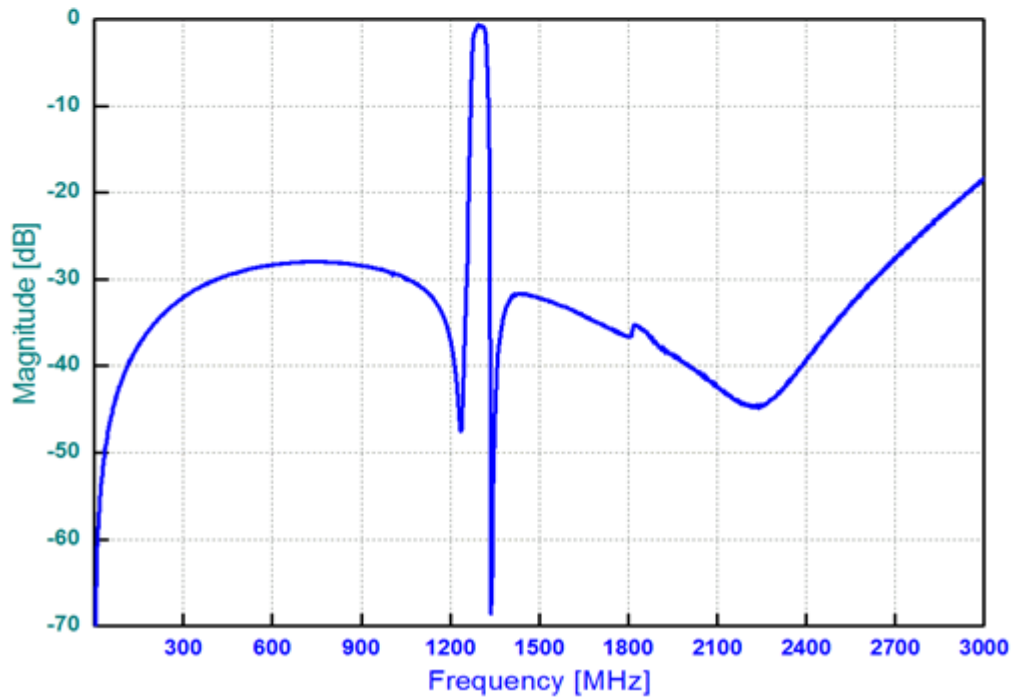
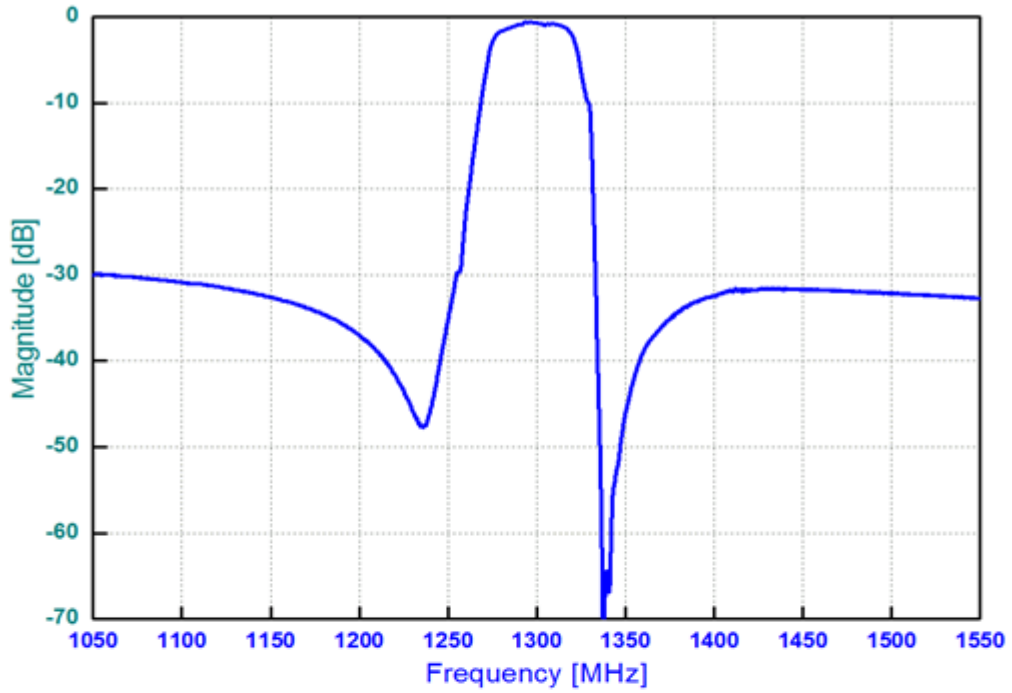


## Testing Environment

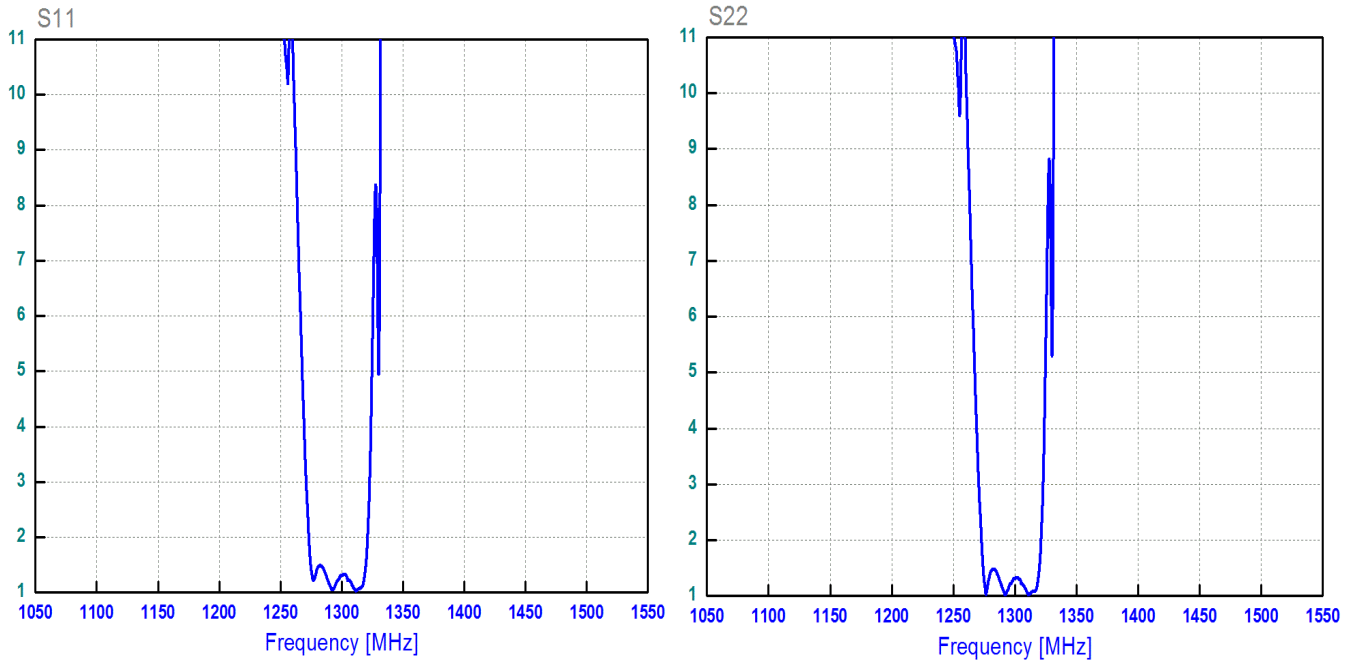


## Frequency Characteristics

Frequency Response



## VSWR



## Smith Chart

