

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

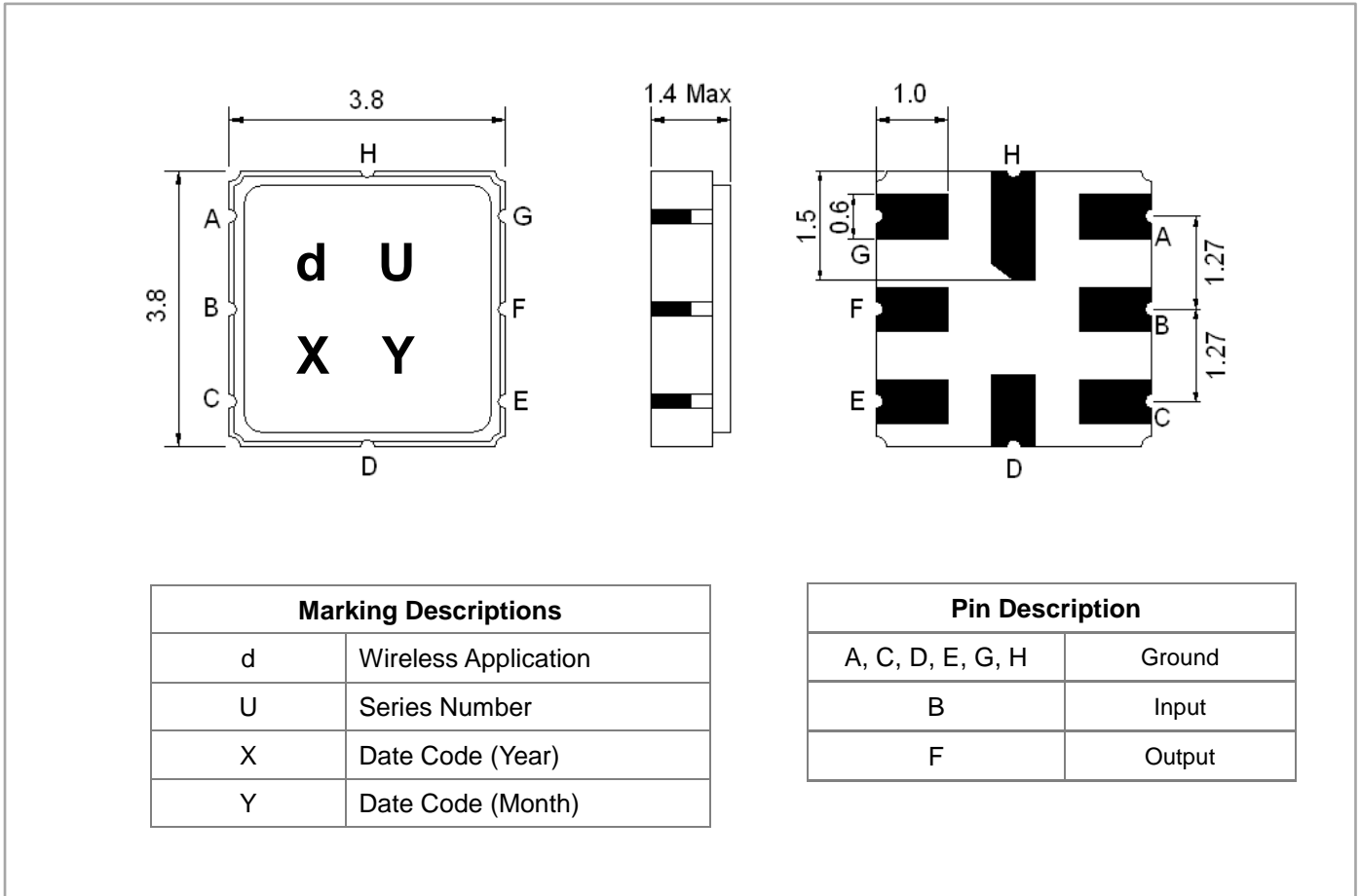
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	0	-	+70
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	25dBm > 50000 Hours, CW tone (Ta = +50°C)			
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	P1			
Length x Width	mm <sup>2</sup>	-	3.8 x 3.8	-
Height	mm	-	-	1.4

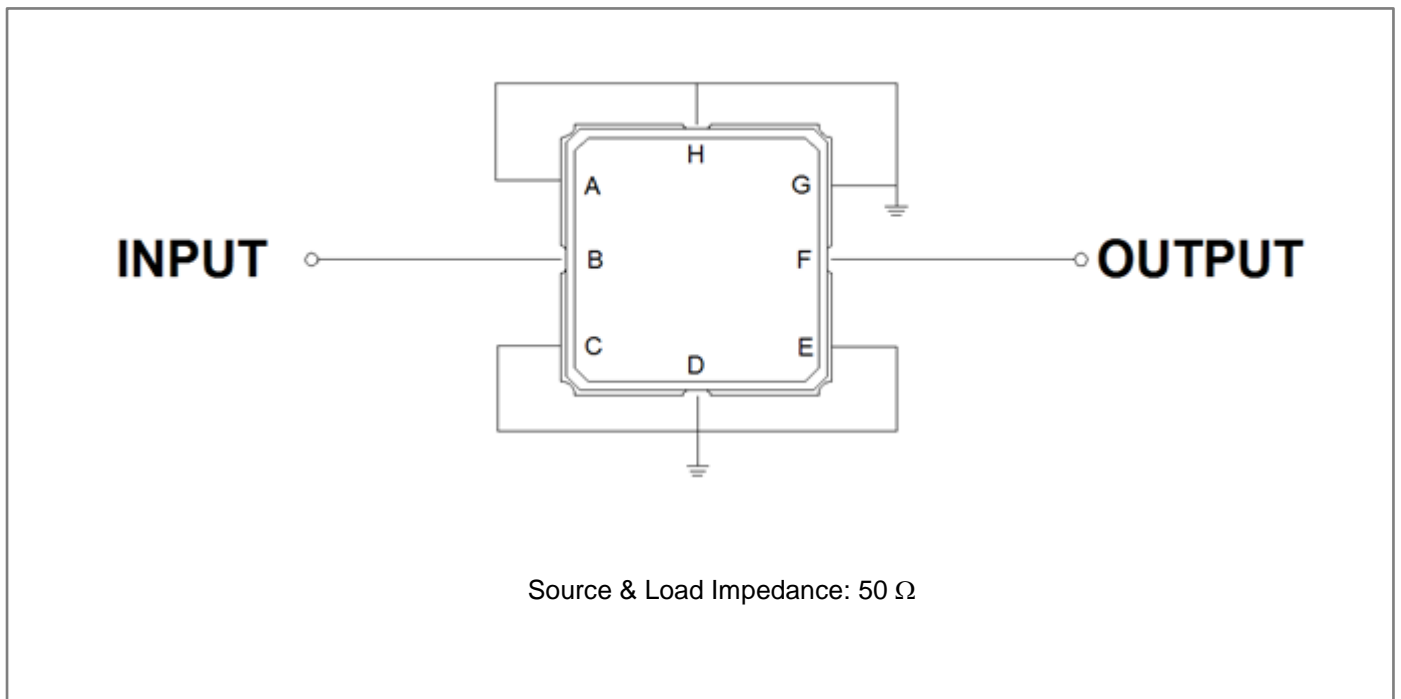
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	742.5	-
Insertion Loss within 728.0 ~ 757.0 MHz	dB	-	1.9	3.5
Amplitude Ripple within 728.0 ~ 757.0 MHz	dB <sub>p-p</sub>	-	1.1	2.0
<b>Attenuation</b>				
0.0 ~ 698.0 MHz	dB	15	23	-
698.0 ~ 716.0 MHz	dB	20	31	-
716.0 ~ 722.0 MHz	dB	5	9	-
766.5 ~ 776.0 MHz	dB	20	39	-
776.0 ~ 787.0 MHz	dB	20	31	-
824.0 ~ 894.0 MHz	dB	15	25	-
1400.0 ~ 2155.0 MHz	dB	8	12	-
2184.0 ~ 2271.0 MHz	dB	4	9	-
VSWR within 728.0 ~ 757.0 MHz	-	-	2.0	2.5

**Notes :** (1) ) No Matching Network

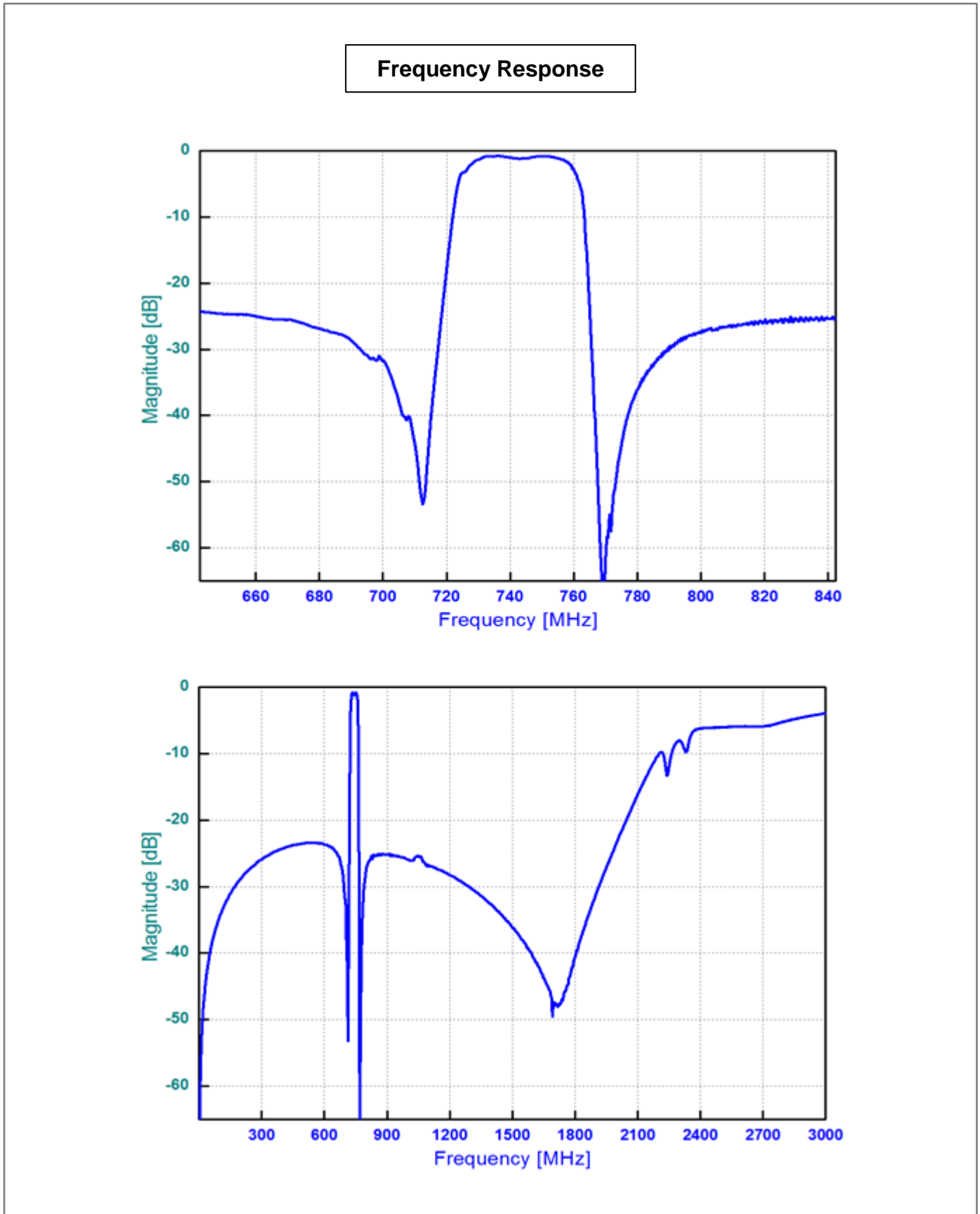
## Package Dimensions



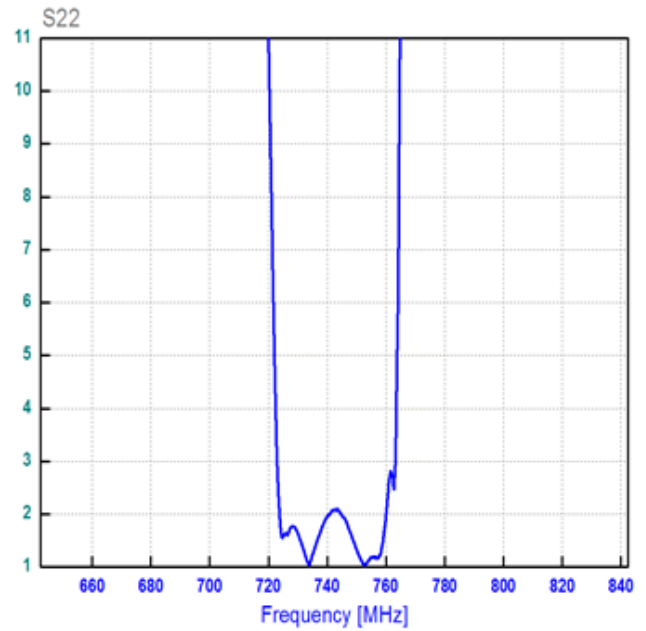
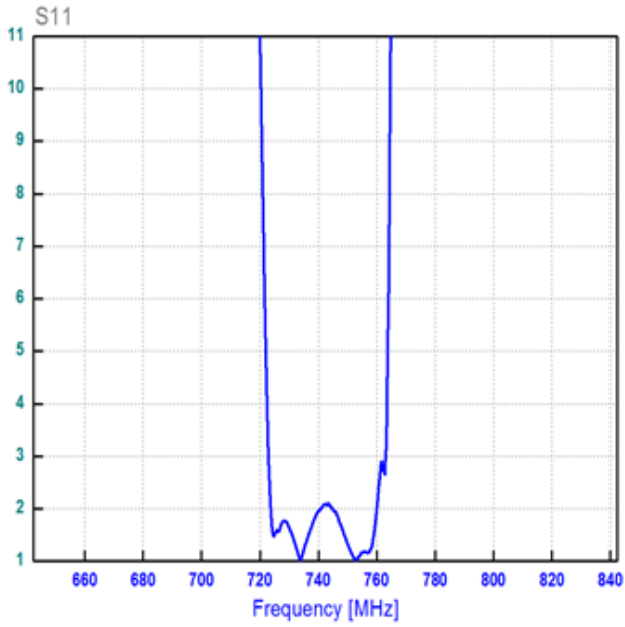
## Testing Environment



## Frequency Characteristics



## VSWR



## Smith Chart

