

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

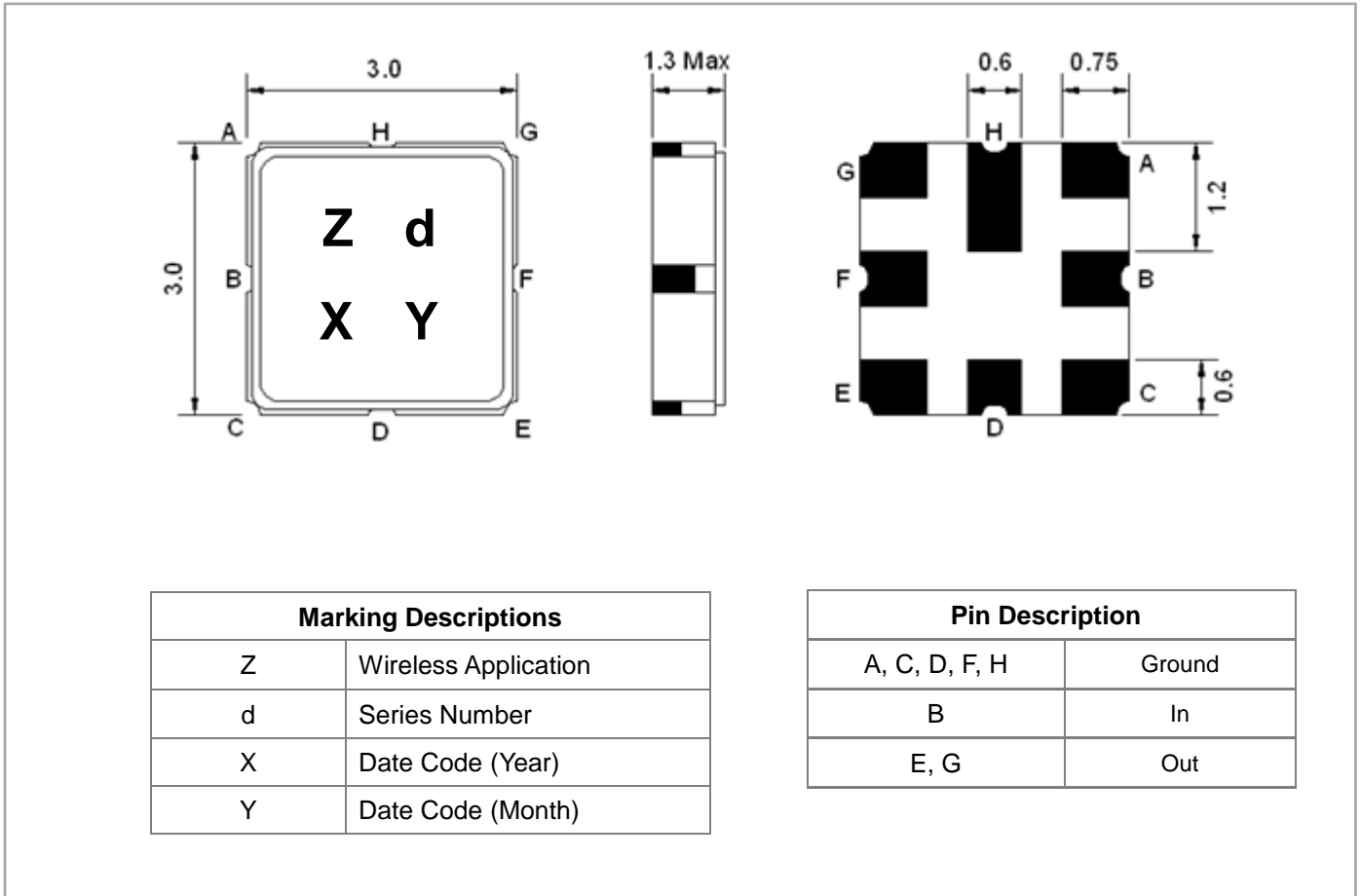
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-5	-	+70
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 (balanced ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M1			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

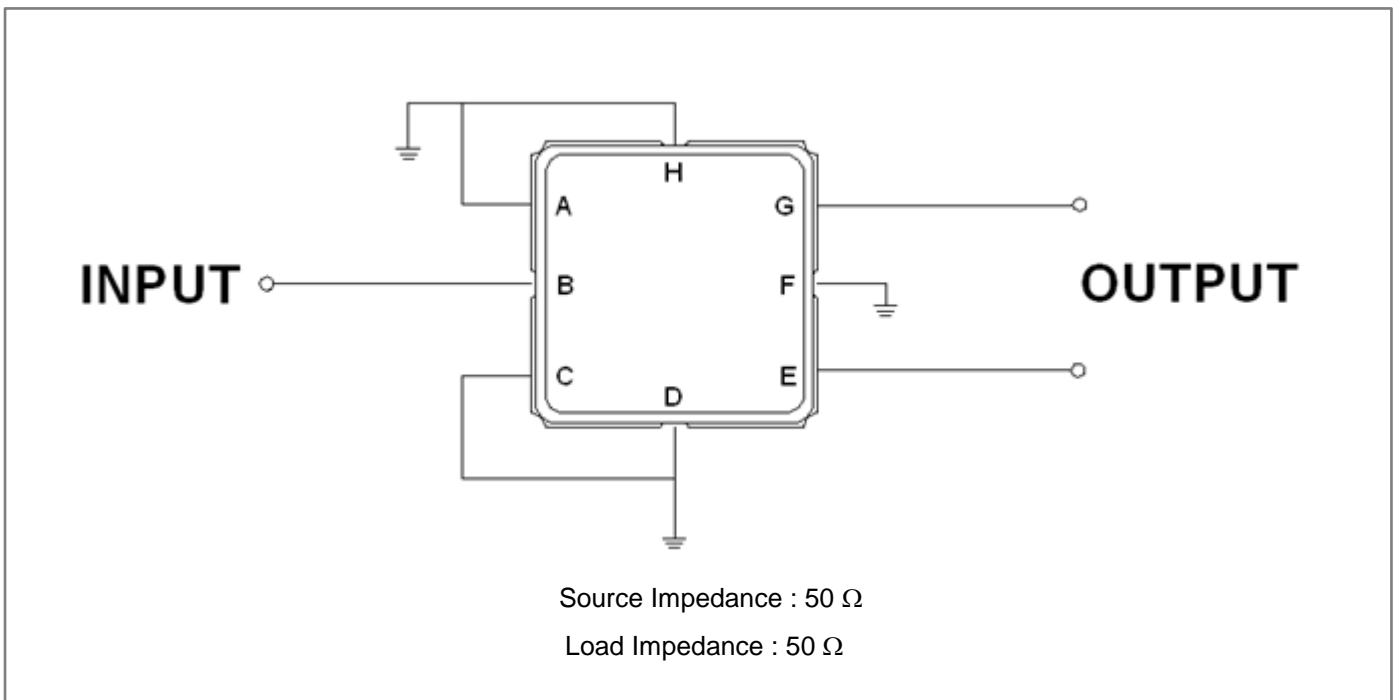
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1528.5	-
Insertion Loss within 1521.0 ~ 1536.0 MHz	dB	-	3.3	3.8
Amplitude Ripple within 1521.0 ~ 1536.0 MHz	dB _{p-p}	-	0.4	1.0
Attenuation:				
D.C. ~ 1450.0 MHz	dB	40	50	-
1476.0 ~ 1491.0 MHz	dB	15	20	-
1600.0 ~ 1700.0 MHz	dB	30	40	-
1700.0 ~ 3000.0 MHz	dB	20	28	-
VSWR within 1521.0 ~ 1536.0 MHz	-	-	2.1	2.3

Notes: (1) No Matching Network

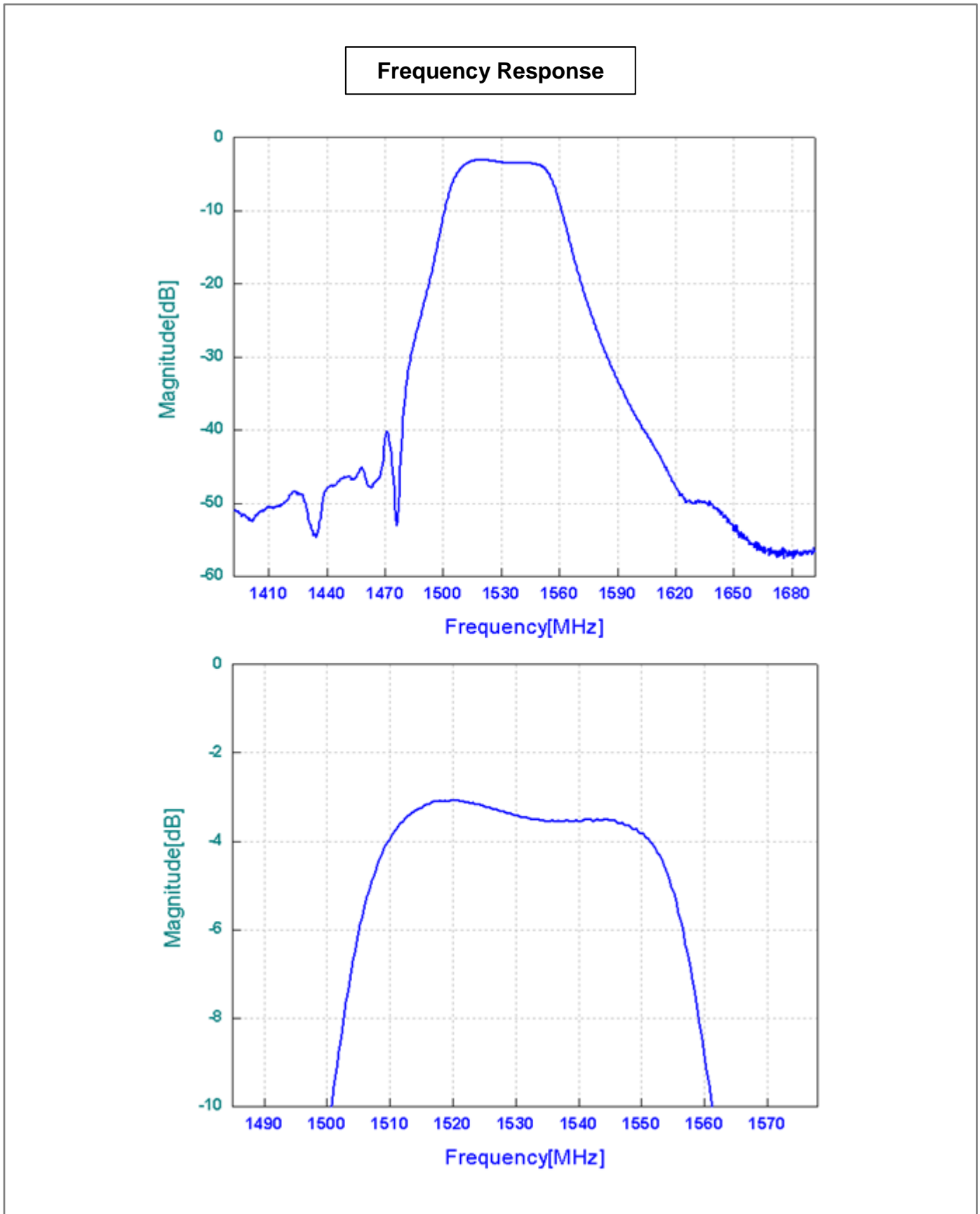
Package Dimensions



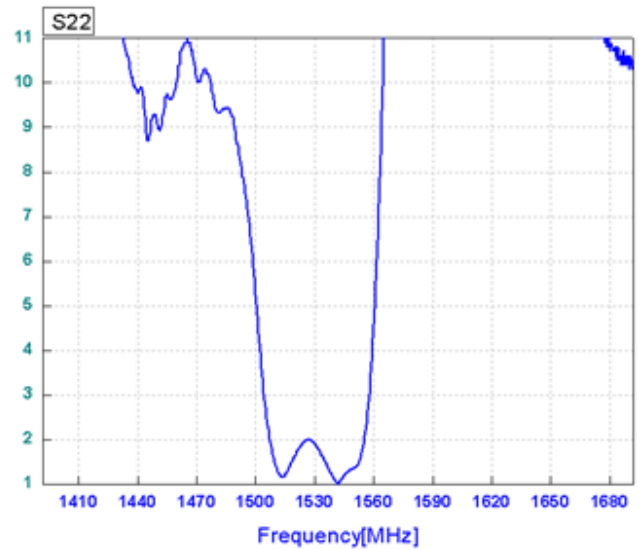
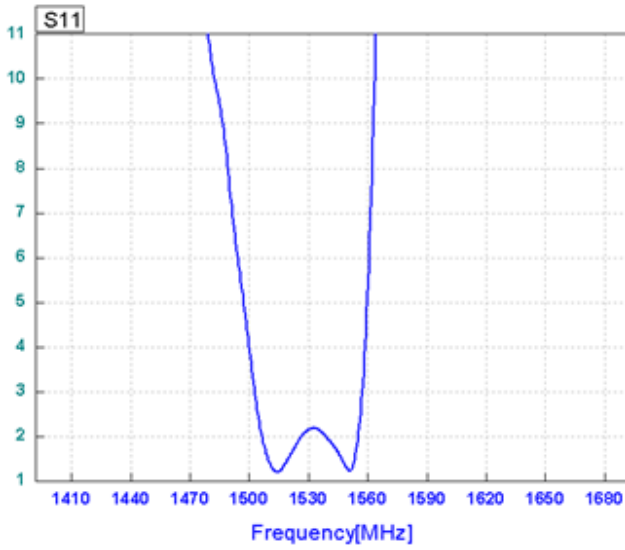
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

