

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

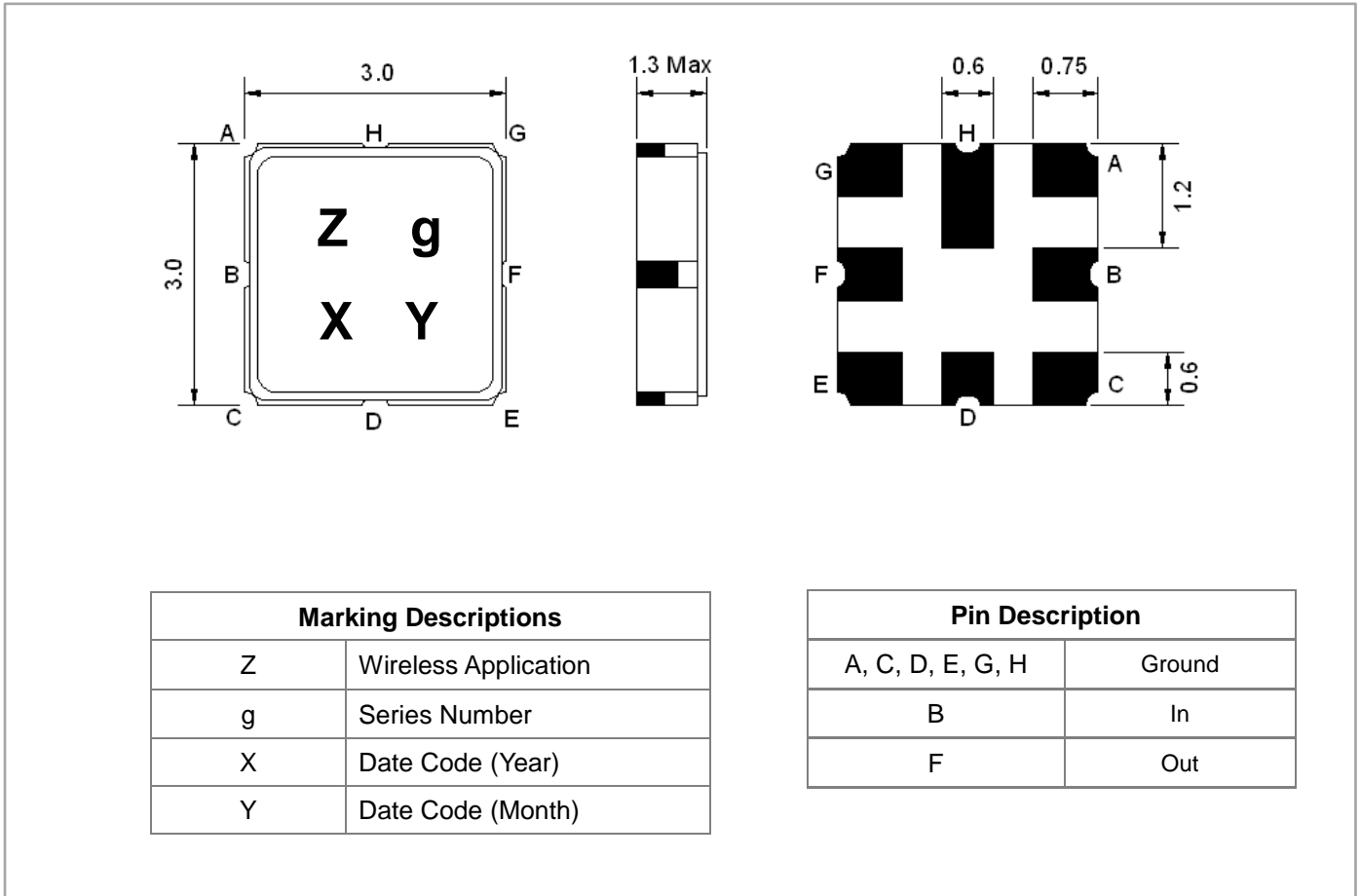
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
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 (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M1			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

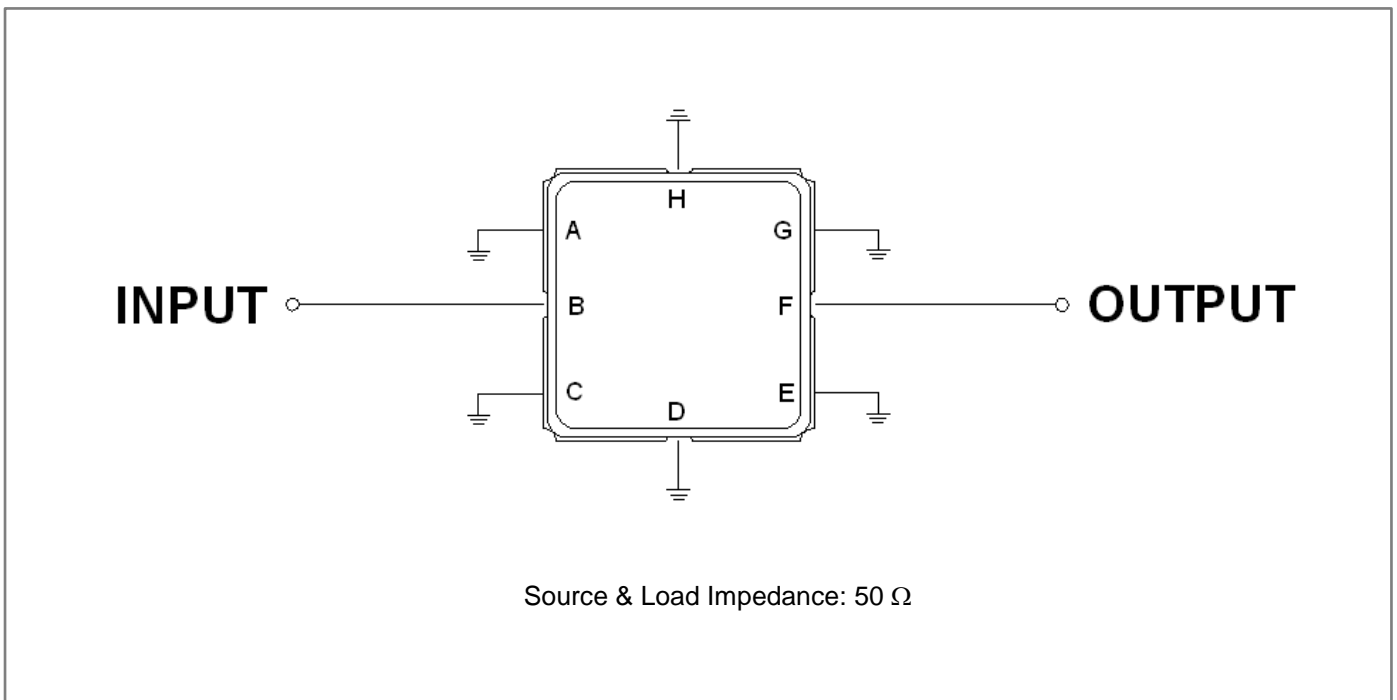
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	399.025	-
Insertion Loss within 396.525 ~ 401.525 MHz	dB	-	1.8	3.0
Amplitude Ripple within 396.525 ~ 401.525 MHz	dB _{p-p}	-	0.6	1.5
Attenuation:				
350.0 MHz ~ 370.0 MHz	dB	45	55	-
420.0 MHz ~ 450.0 MHz	dB	40	45	-
VSWR within 396.525 ~ 401.525 MHz	-	-	1.6	2.0

Notes : (1) No Matching Network.

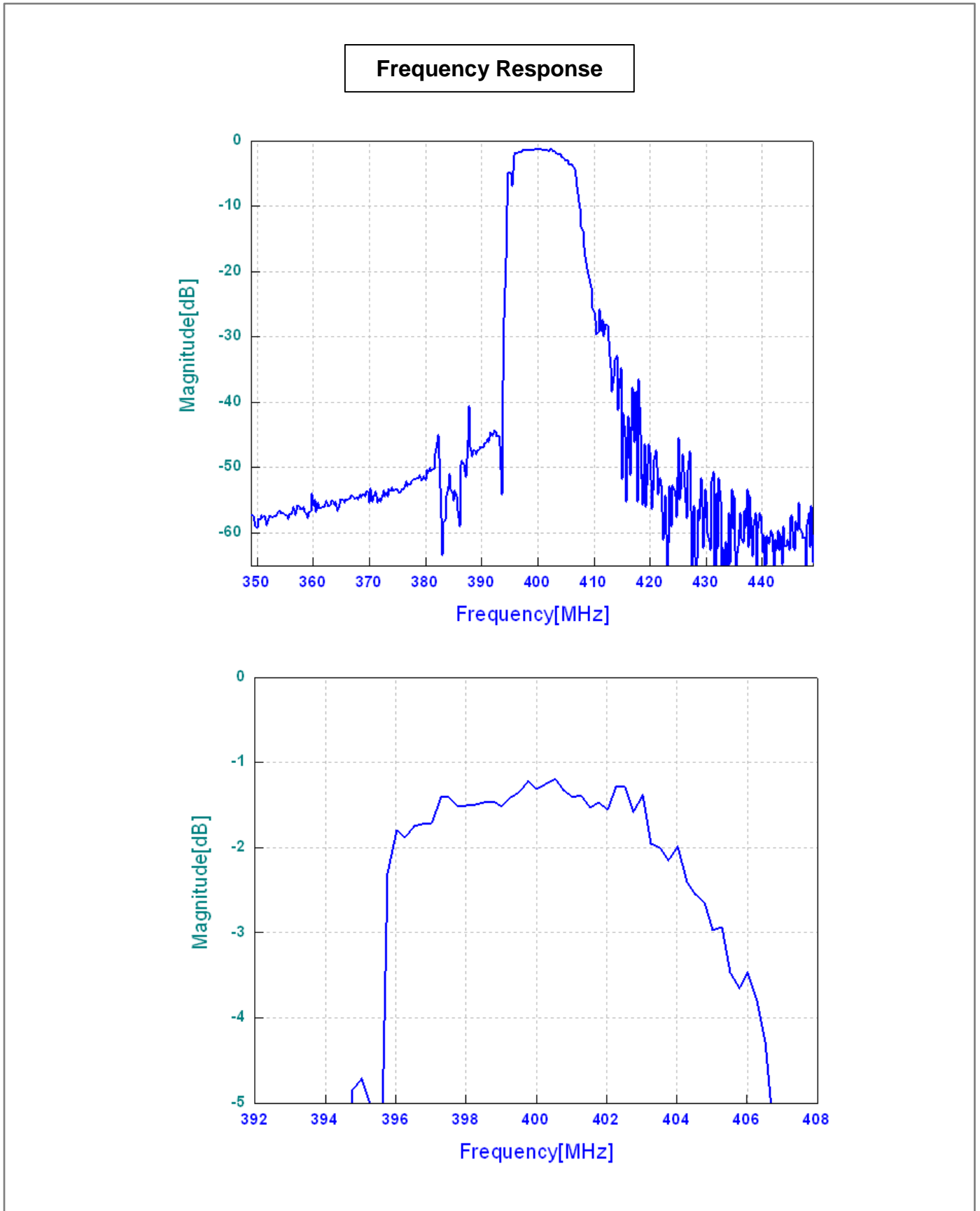
Package Dimensions



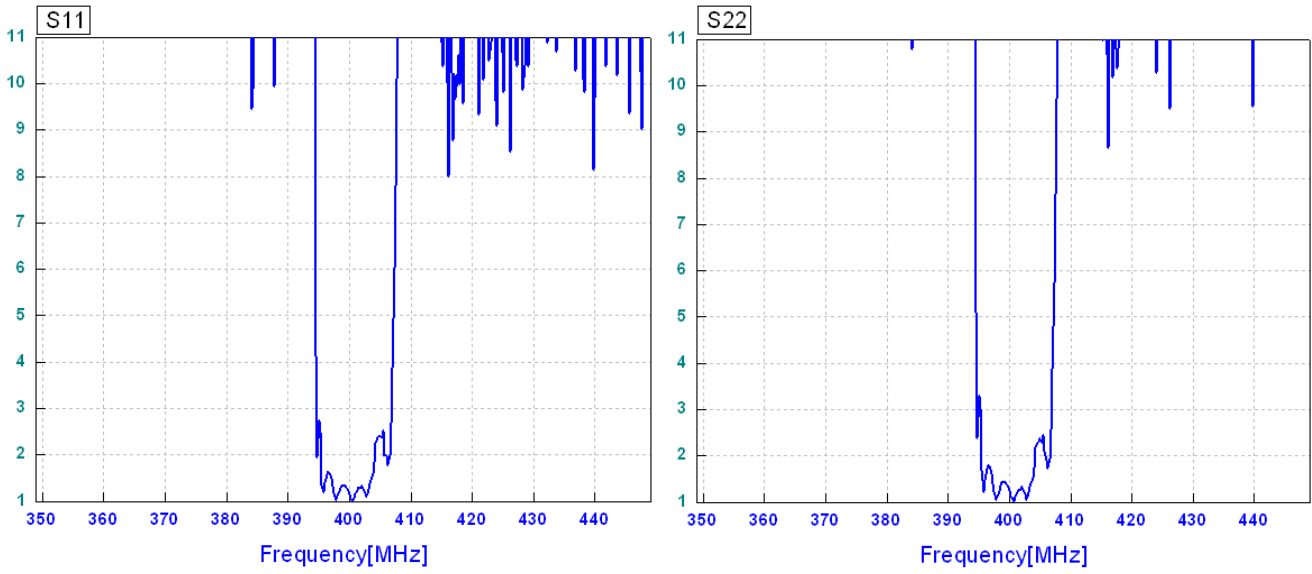
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

