

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

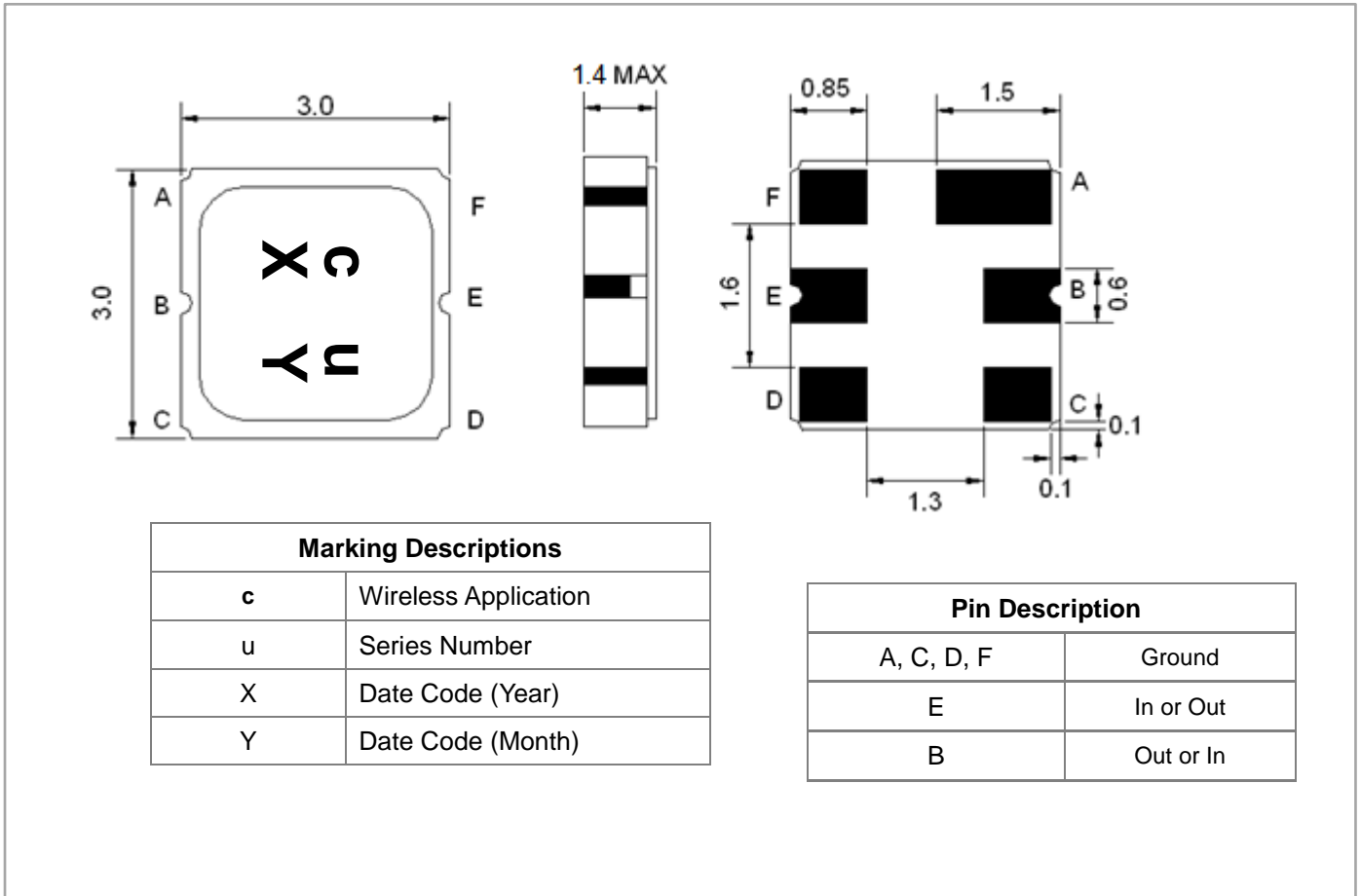
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-20	-	+75
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.4

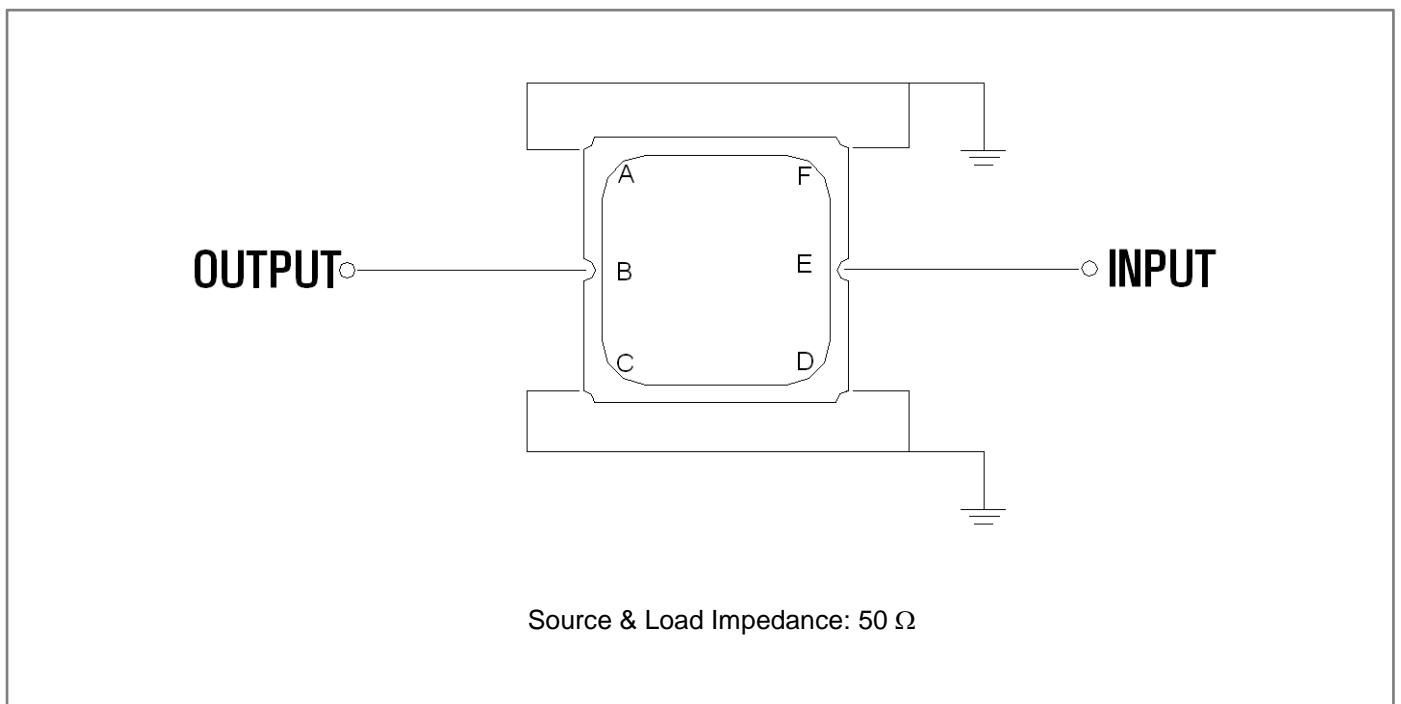
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1542.5	-
Insertion Loss within 1525 ~ 1560 MHz	dB	-	3.0	4.2
Amplitude Ripple within 1525 ~ 1560 MHz	dB _{p-p}	-	0.7	2.0
Attenuation:				
D.C. ~ 1480.0 MHz	dB	21	49	-
1630.0 ~ 1660.0 MHz	dB	26	44	-
1660.0 ~ 2050.0 MHz	dB	30	45	-
2050.0 ~ 3500.0 MHz	dB	25	44	-
VSWR within 1525 ~ 1560 MHz	-	-	1.5	2.1

Notes: (1) No Matching Network

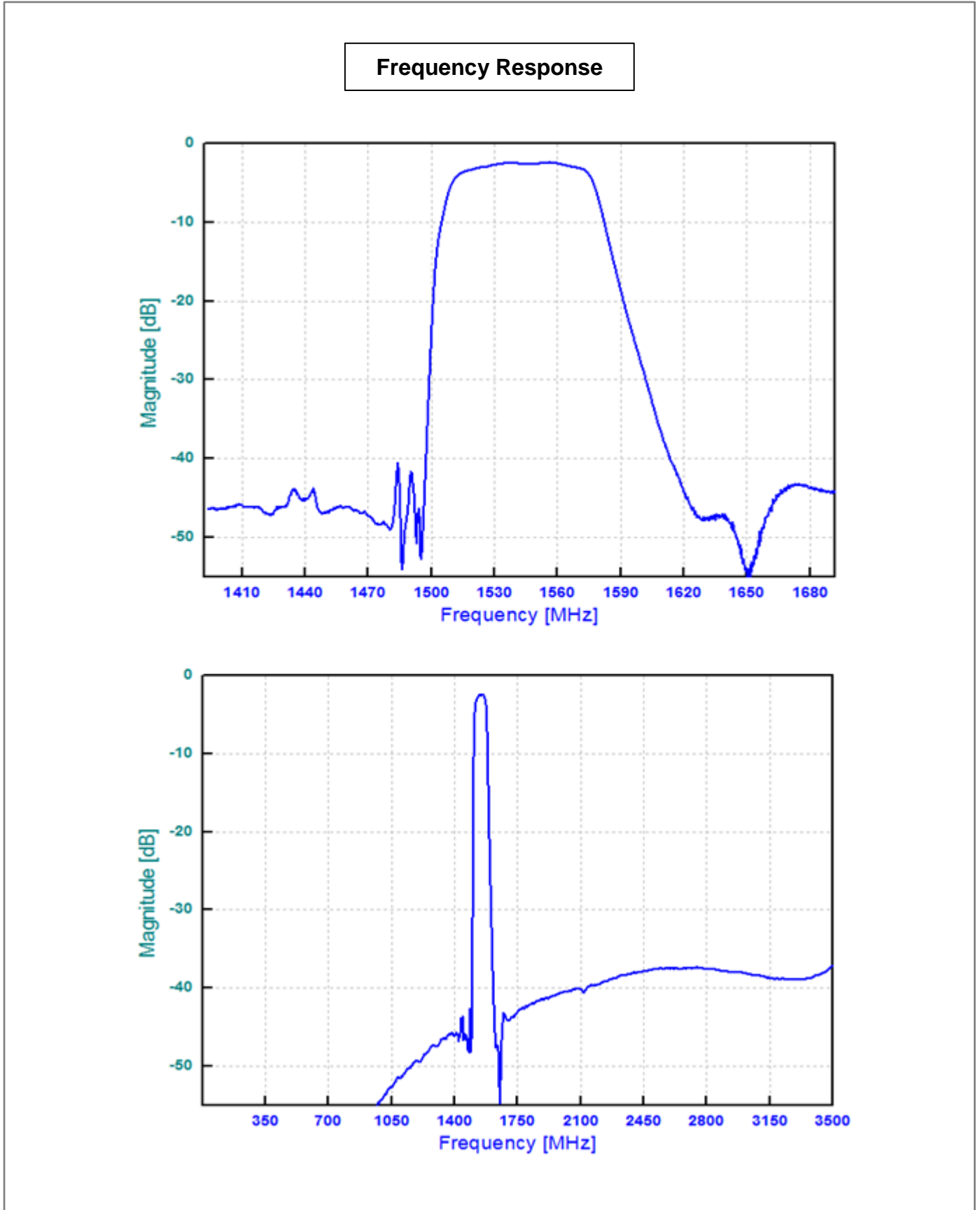
Package Dimensions



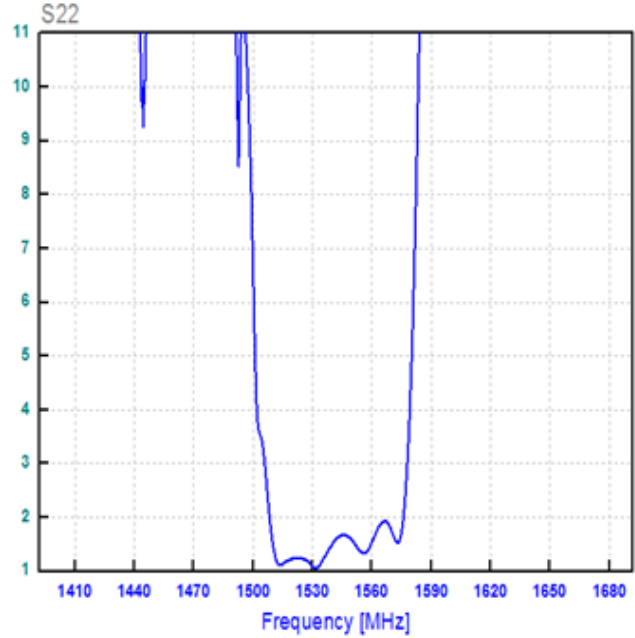
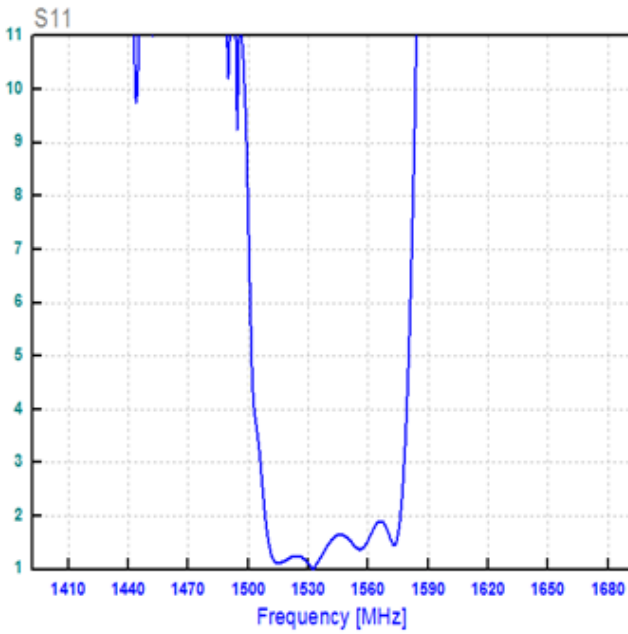
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

