

- Wireless, RF SAW Filter
- Revision 0: January 2013

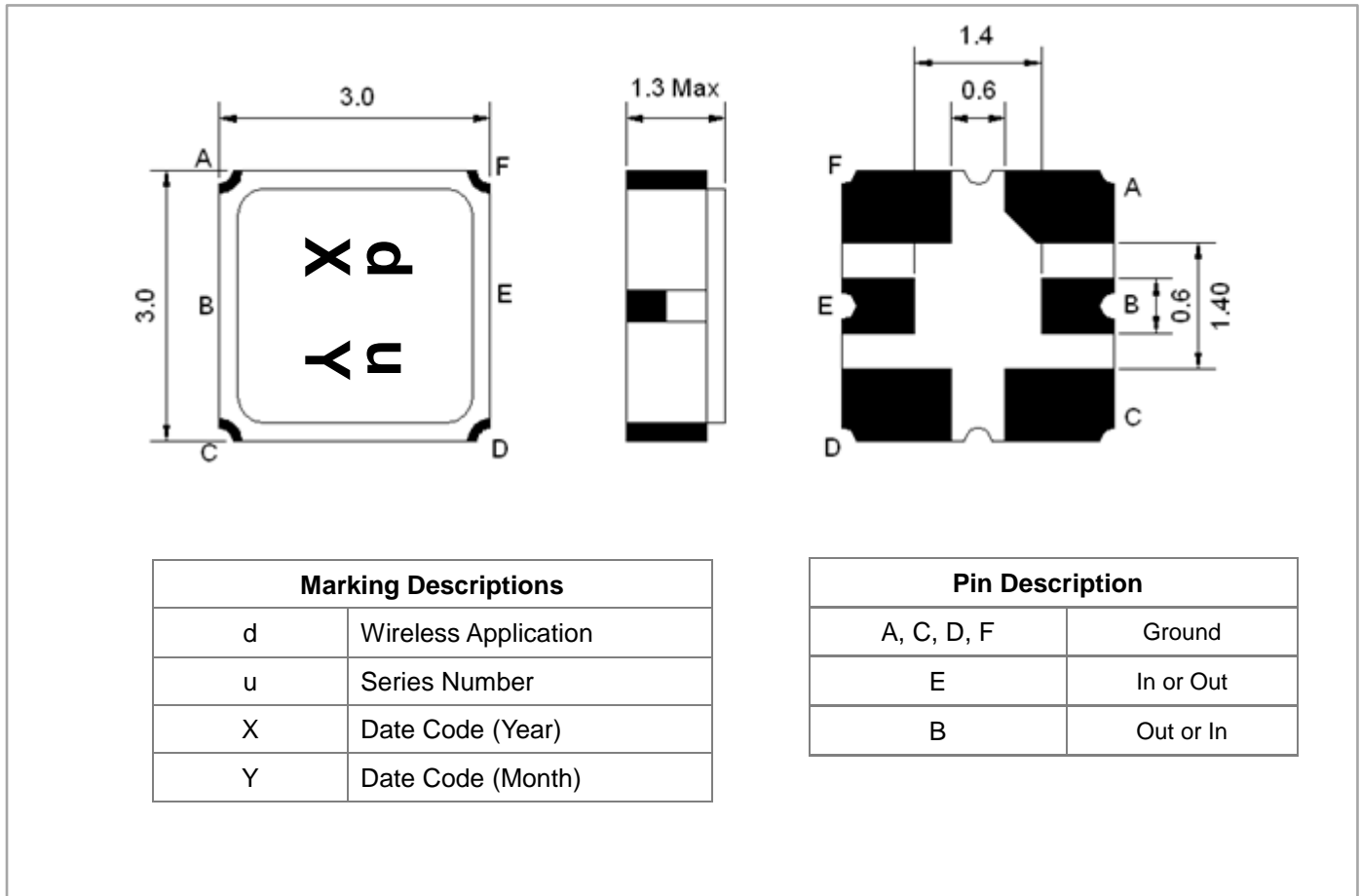
Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-45	-	+85
Storage Temperature Range	°C	-45	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	25
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	S22			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

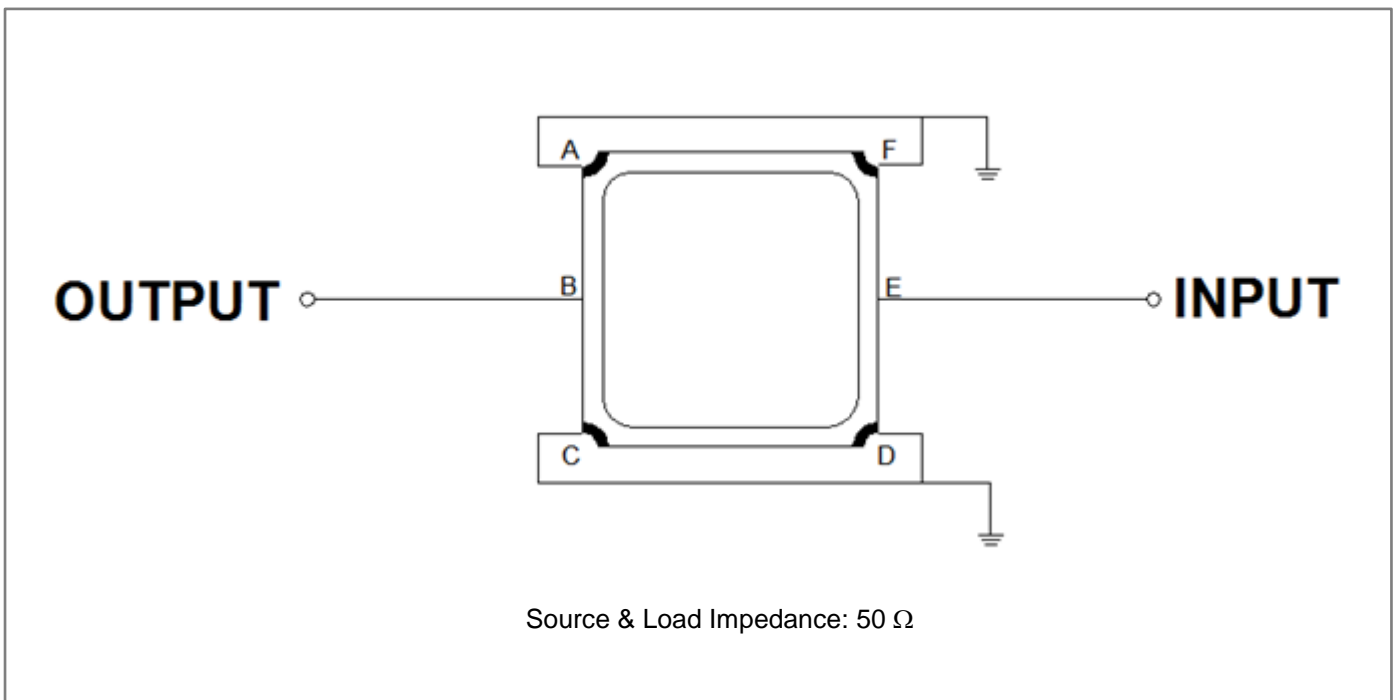
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1500.0	-
Insertion Loss within 1475.0 ~ 1525.0 MHz	dB	-	3.5	4.0
Amplitude Ripple within 1475.0 ~ 1525.0 MHz	dB _{p-p}	-	0.7	1.5
Attenuation:				
D.C. ~ 860.0 MHz	dB	40	53	-
975.0 ~ 1025.0 MHz	dB	40	49	-
1125.0 ~ 1175.0 MHz	dB	40	46	-
1300.0 ~ 1350.0 MHz	dB	35	42	-
3000.0 MHz	dB	30	35	-
Return Loss within 1475.0 ~ 1525.0 MHz	dB	9	11	-

Notes: (1) No Matching Network

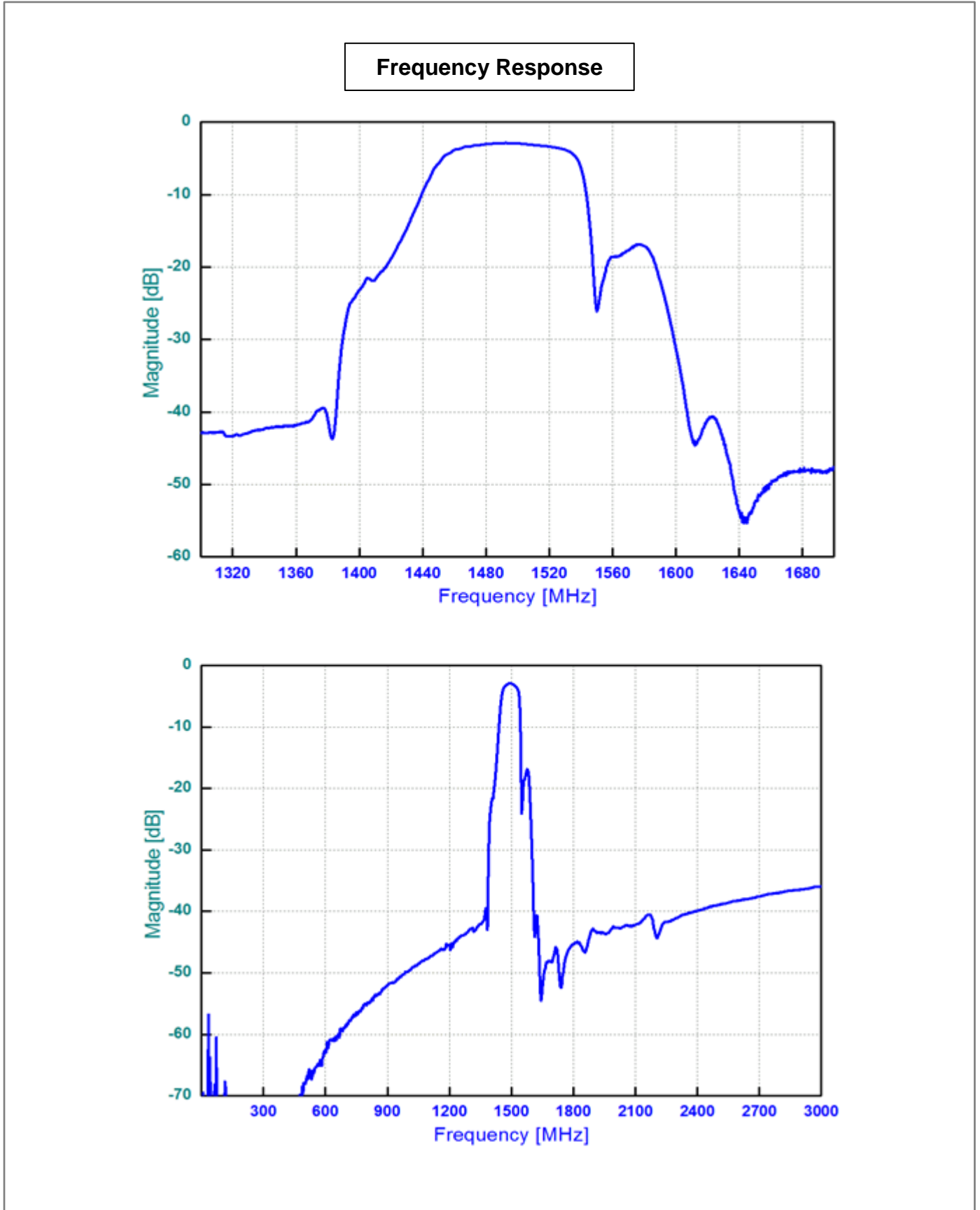
Package Dimensions



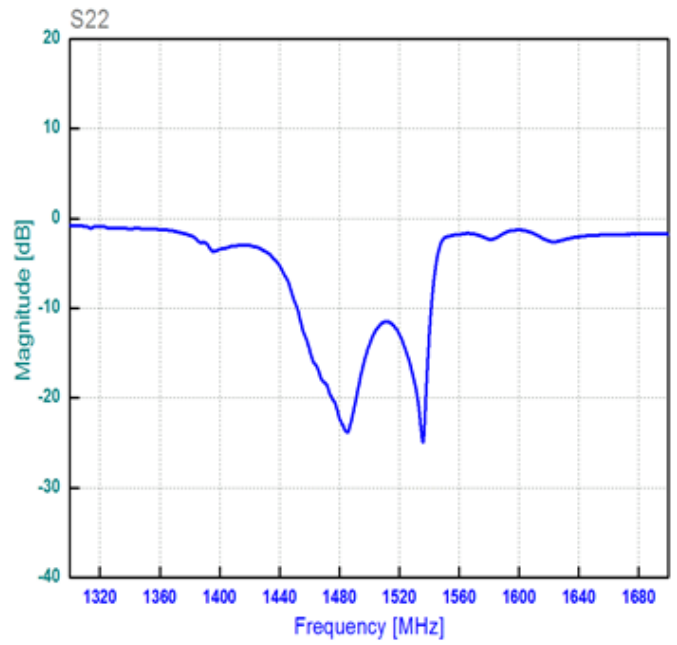
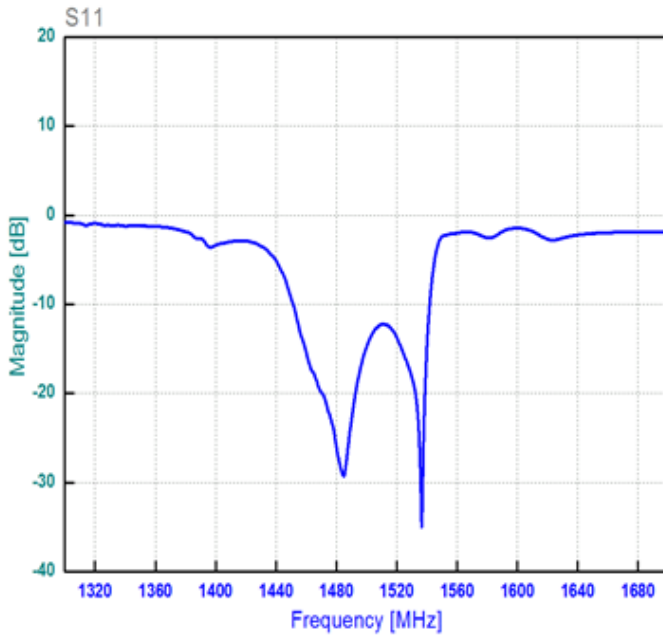
Testing Environment



Frequency Characteristics



Return Loss



Smith Chart

