

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

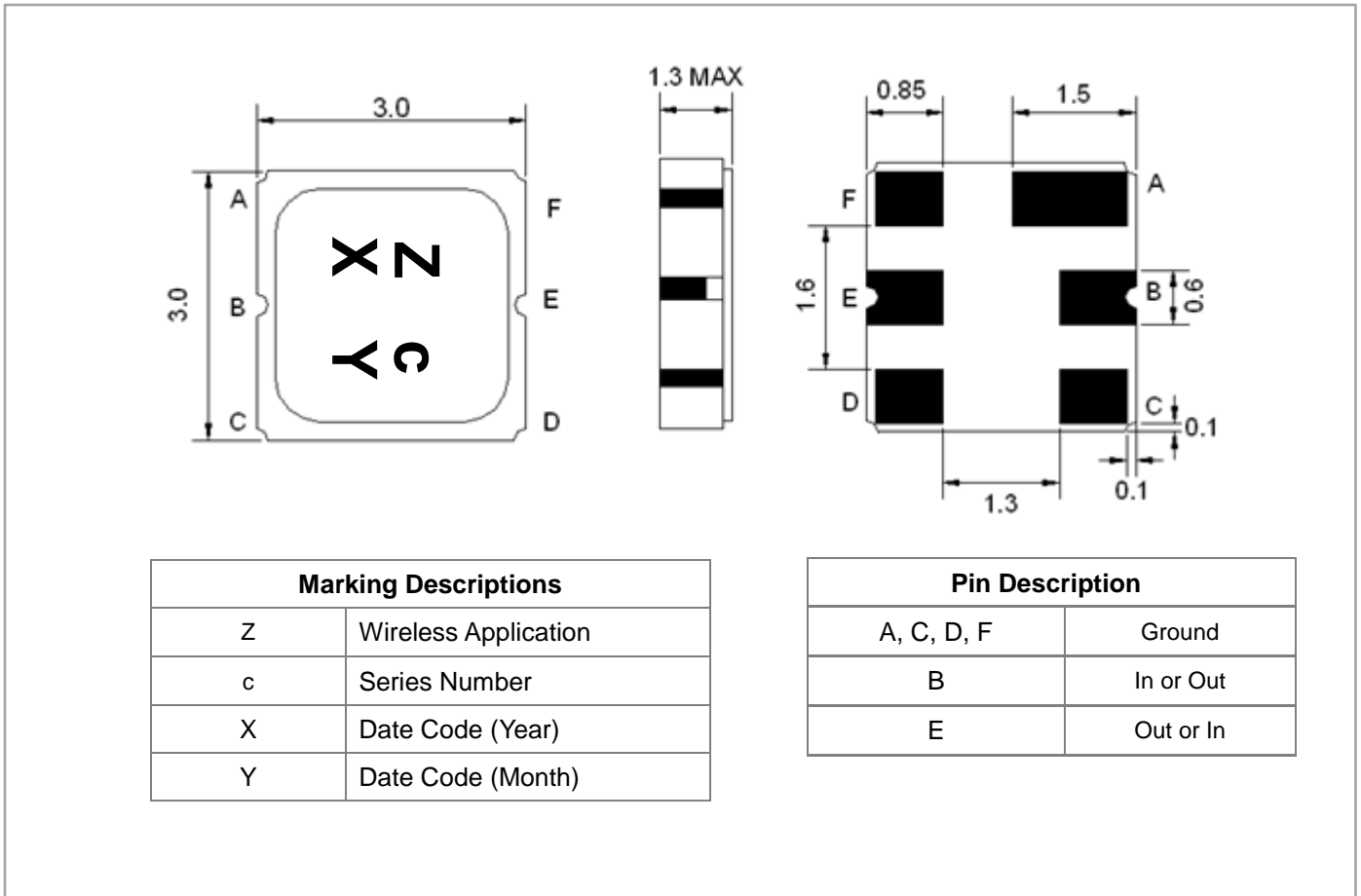
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
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	-	-	1.3

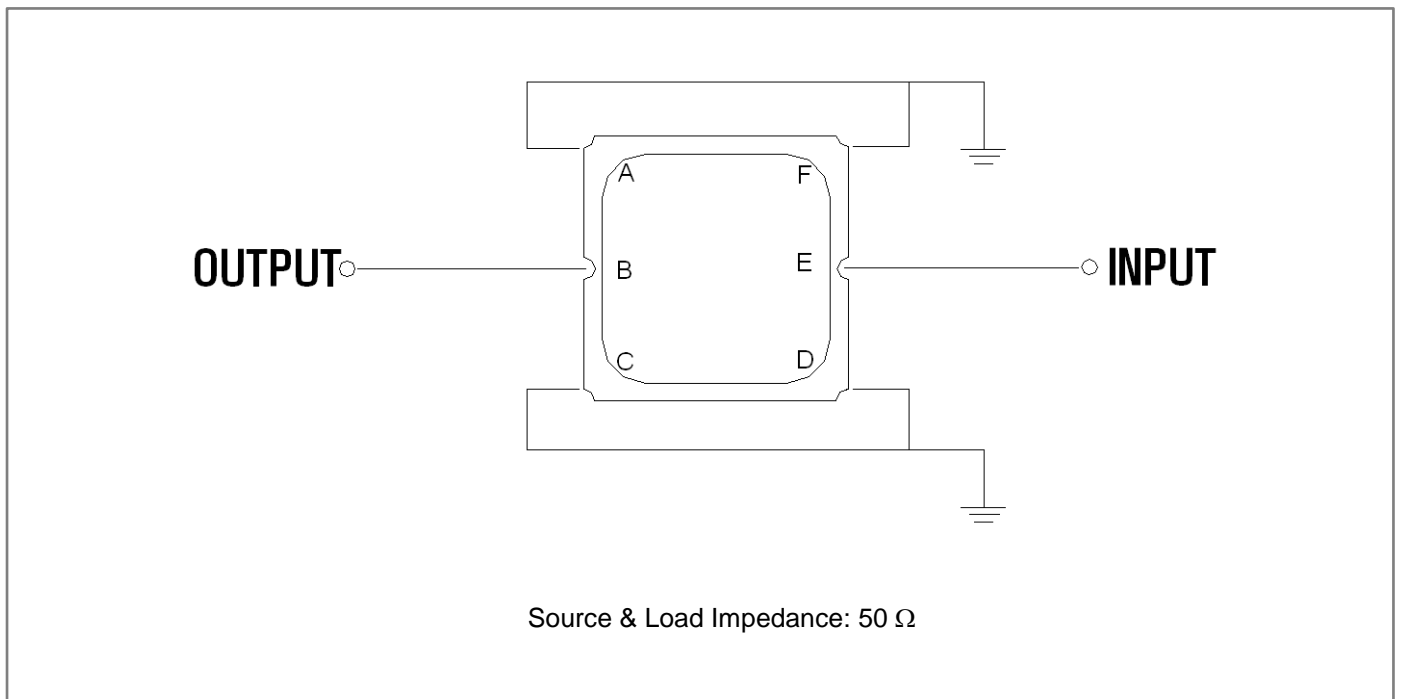
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	2610.0	-
Insertion Loss within 2595.0 ~ 2625.0 MHz	dB	-	2.9	3.5
Amplitude Ripple within 2595.0 ~ 2625.0MHz	dB _{p-p}	-	0.8	2.2
Attenuation:				
2100.0 ~ 2450.0 MHz	dB	35	44	-
2710.0 ~ 2840.0 MHz	dB	40	52	-
2840.0 ~ 3000.0 MHz	dB	35	48	-
Return Loss within 2595.0 ~ 2625.0 MHz	dB	9	21	-

Notes: (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

Package Dimensions

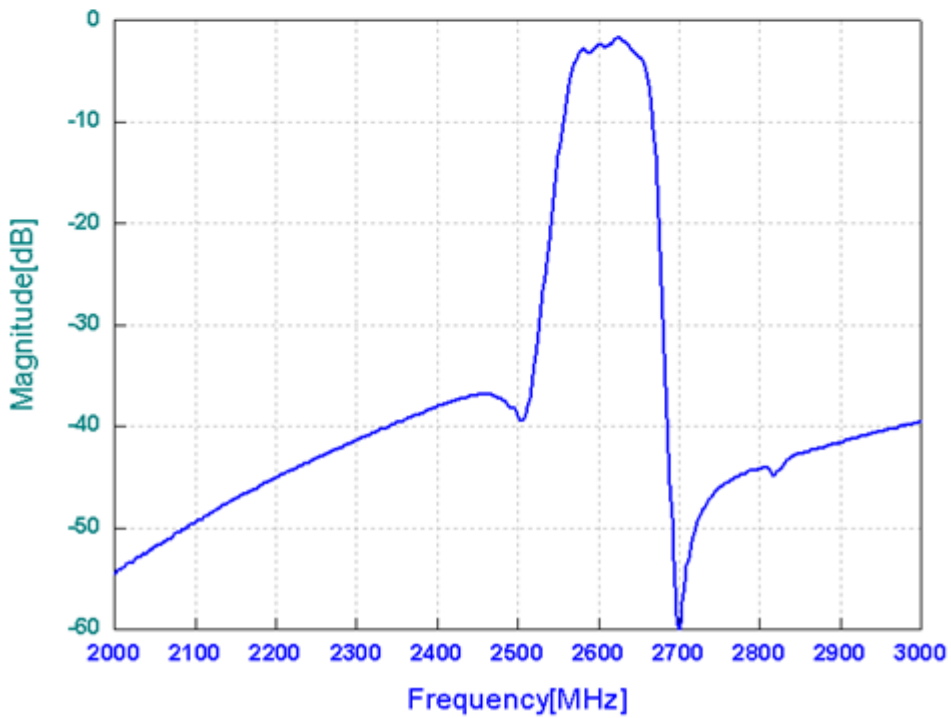
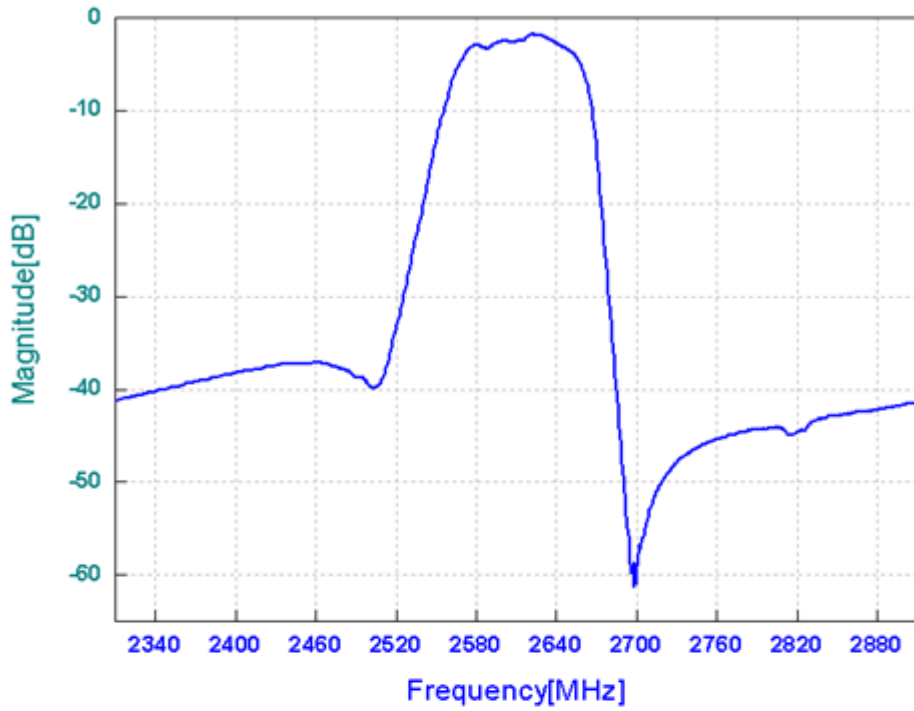


Testing Environment

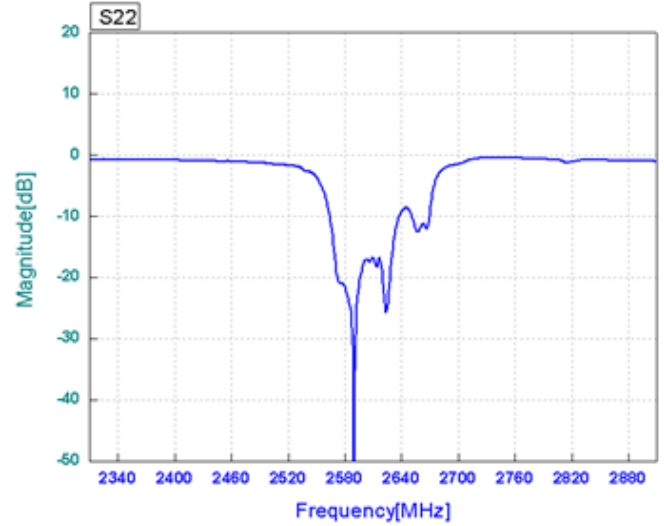
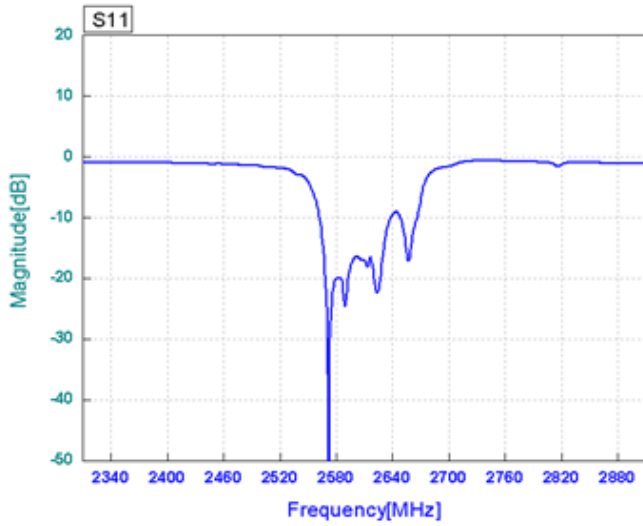


Frequency Characteristics

Frequency Response



Return Loss



Smith Chart

