

- Wireless, RF SAW Filter
- Revision 0: December 2011

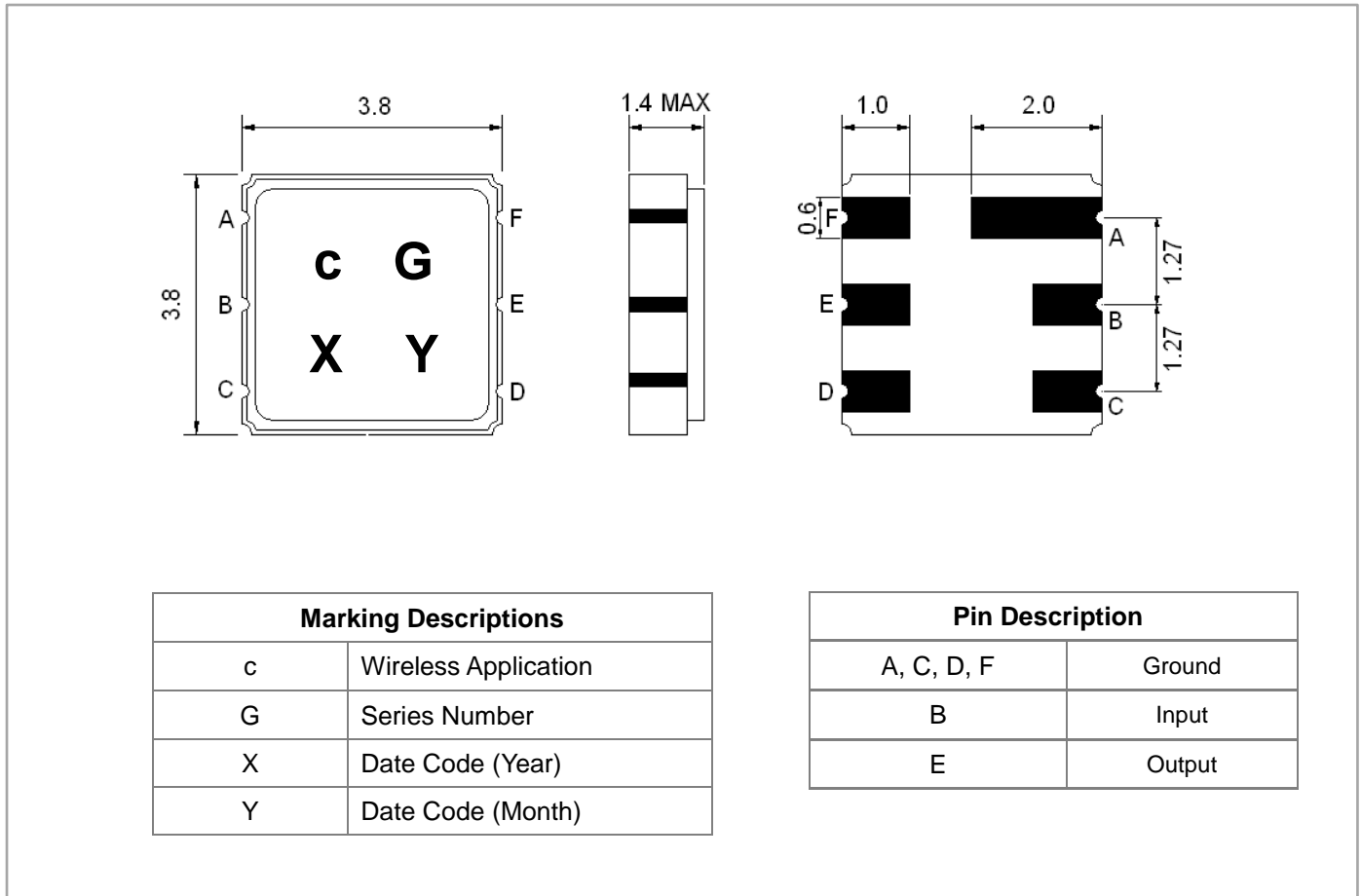
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	P			
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	-	1.4

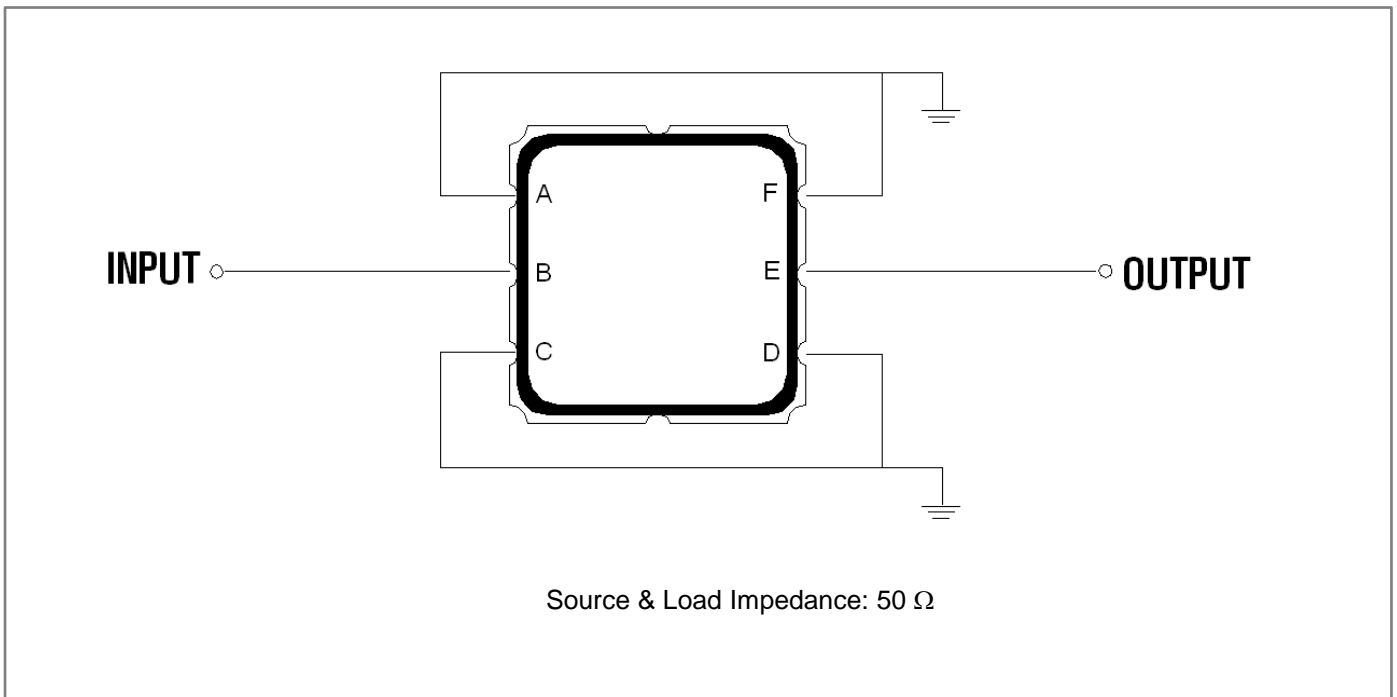
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	460.0	-
Insertion Loss within 450.0 ~ 470.0 MHz	dB	-	2.4	3.5
Amplitude Ripple within 450.0 ~ 470.0 MHz	dB	-	0.9	2.4
Return loss within 450.0 ~ 470.0 MHz	dB	8	10	-
Attenuation (Reference level from 0dB)				
0.3 ~ 300.0 MHz	dB	40	45	-
300.0 ~ 380.0 MHz	dB	40	45	-
380.0 ~ 430.0 MHz	dB	35	40	-
504.825 ~ 524.825 MHz	dB	25	35	-
559.65 ~ 579.65 MHz	dB	40	45	-
669.3 ~ 689.3 MHz	dB	45	50	-
689.3 ~ 1000.0 MHz	dB	30	35	-

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

Package Dimensions

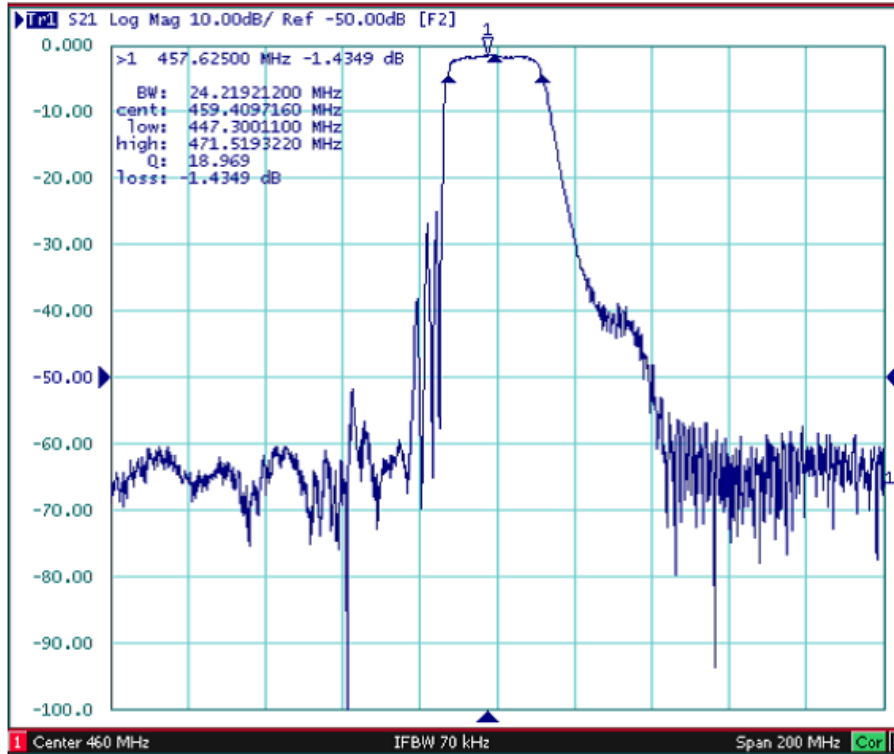


Testing Environment



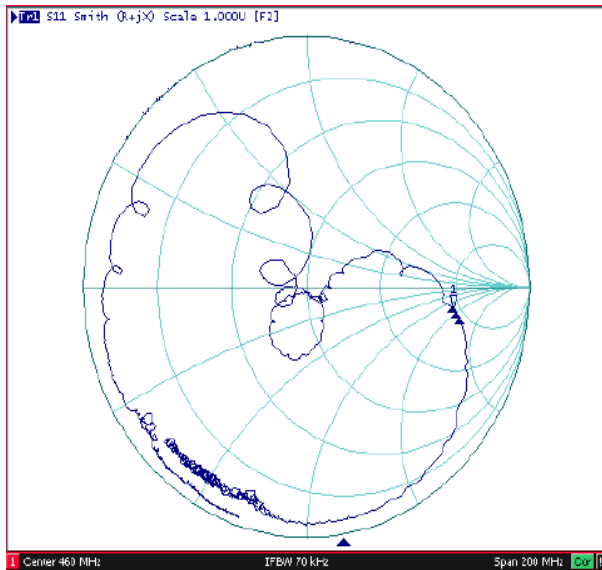
Frequency Characteristics

Frequency Response



Smith Chart

S11



S22

