

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

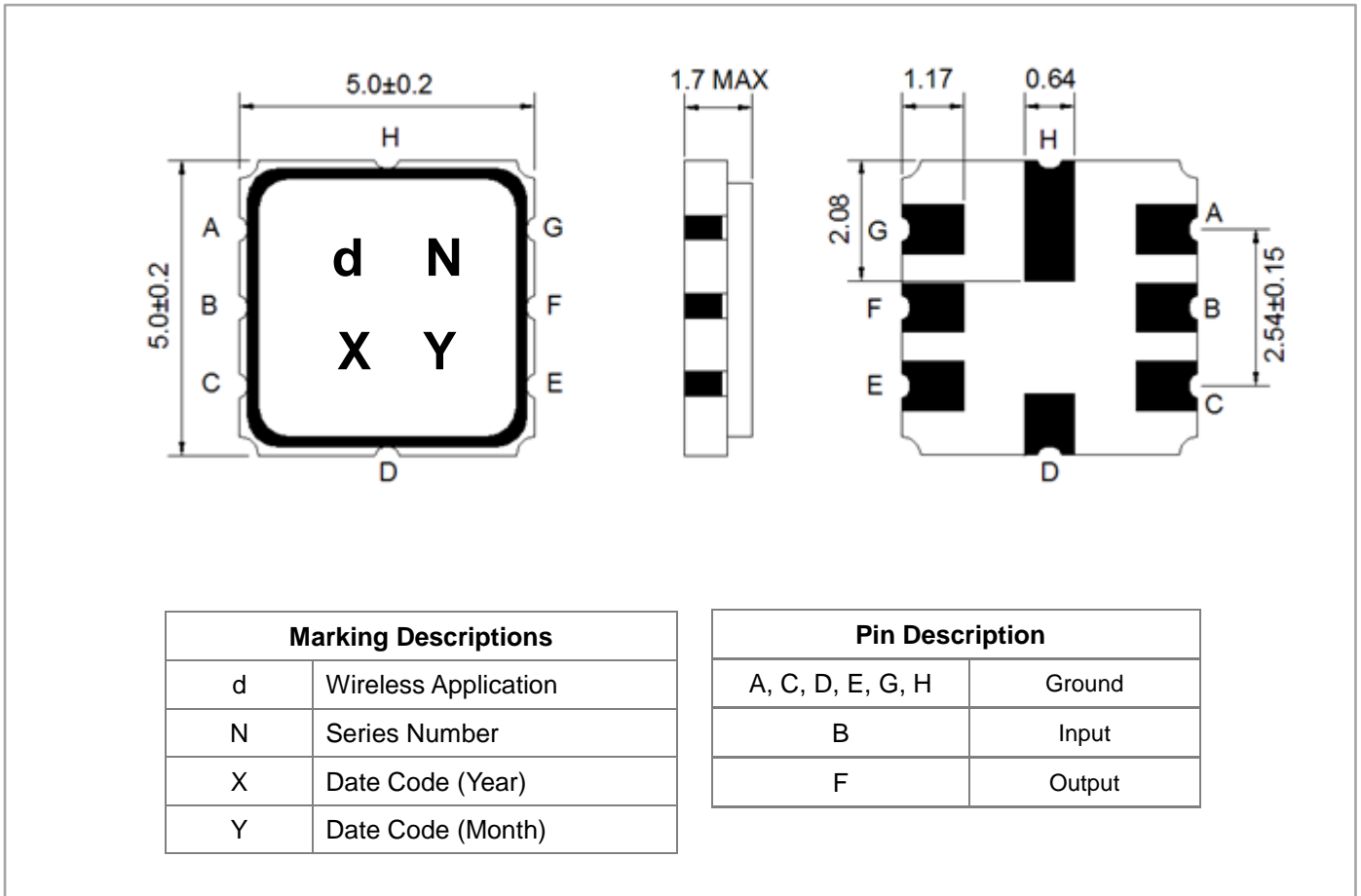
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-25	-	+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	K			
Length x Width	mm ²	-	5.0 x 5.0	-
Height	mm	-	-	1.7

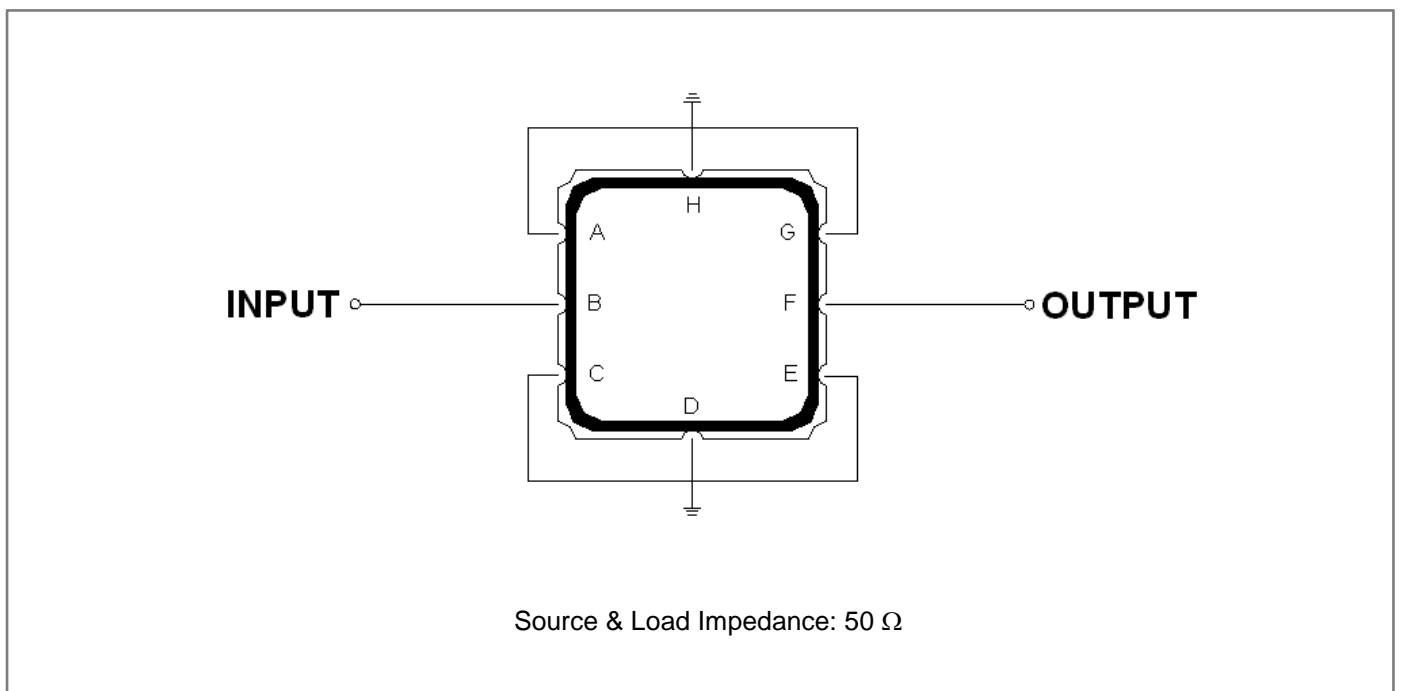
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	345.0	-
Insertion Loss within 344.6~345.4 MHz	dB	-	2.3	3.3
Amplitude Ripple within 344.6~345.4 MHz	dB _{p-p}	-	0.4	1.3
Attenuation(Reference level from 0)				
10.0 ~ 320.0 MHz	dB	50	60	-
320.0 ~ 325.0 MHz	dB	50	55	-
325.0 ~ 333.5 MHz	dB	35	40	-
333.5 ~ 335.0 MHz	dB	50	55	-
335.0 ~ 337.0 MHz	dB	40	45	-
354.0 ~ 362.0 MHz	dB	25	30	-
362.0 ~ 370.0 MHz	dB	38	42	-
370.0 ~ 700.0 MHz	dB	50	55	-
700.0 ~ 1000.0 MHz	dB	32	42	-

Notes: (1) No Matching Network .

Package Dimensions

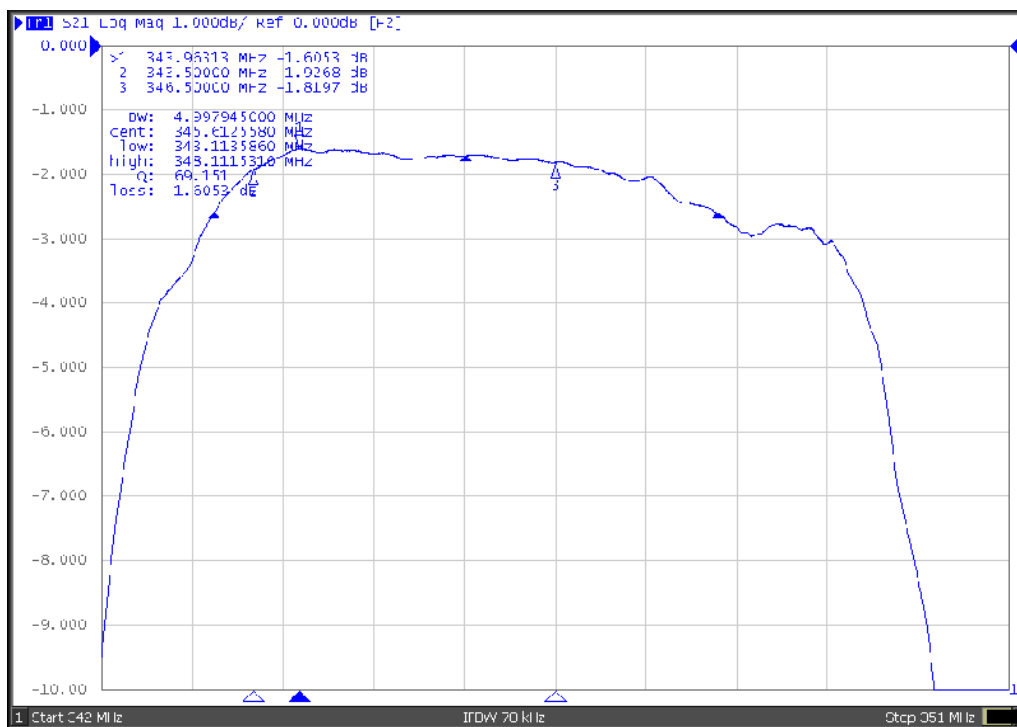
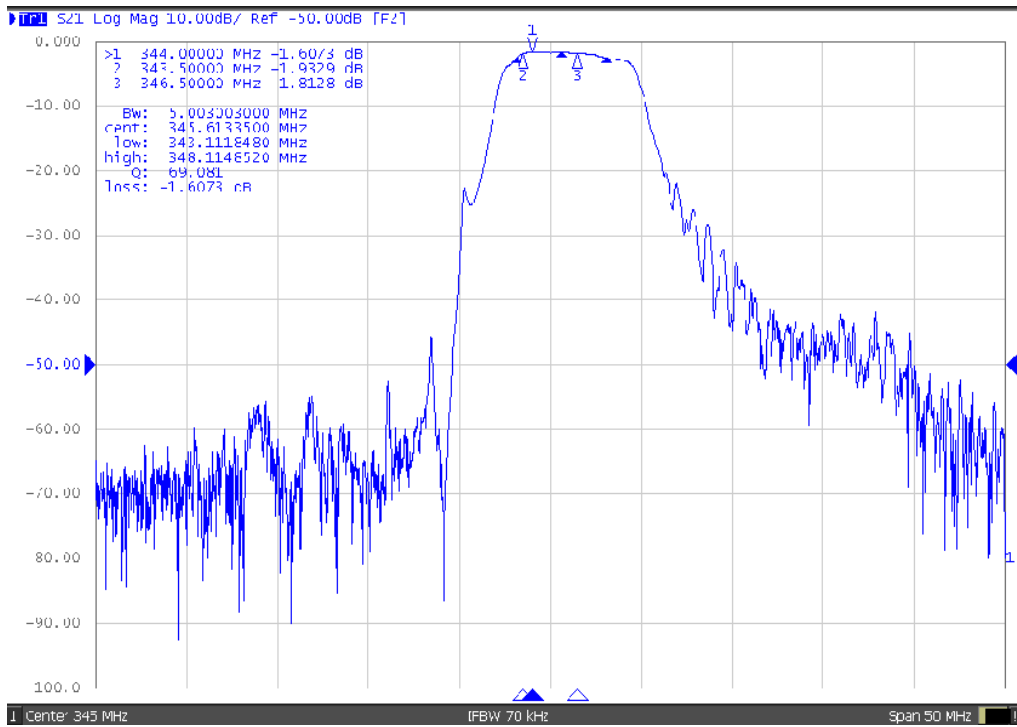


Testing Environment

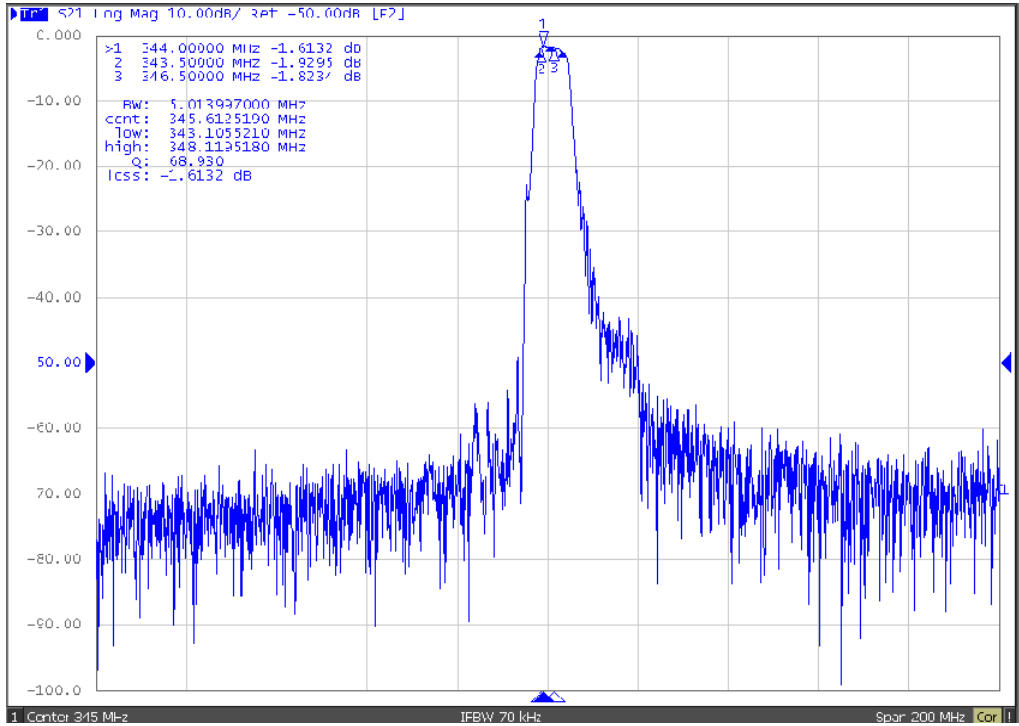


Frequency Characteristics

Frequency Response



Frequency Response



Smith Chart

