

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

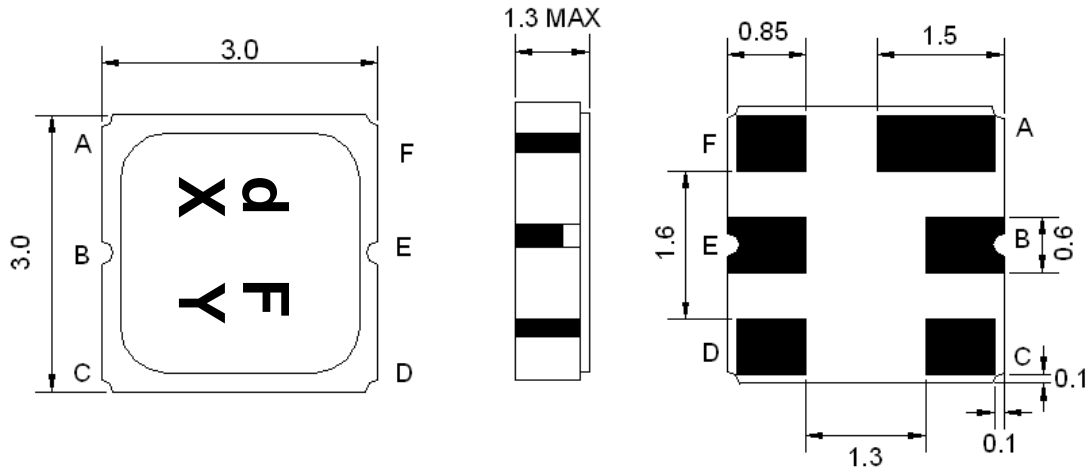
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	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	-	315.0	-
Maximum Insertion loss within 314.7 ~ 315.3 MHz	dB	-	1.52	2.5
Amplitude Ripple within 314.7 ~ 315.3 MHz	dB _{p-p}	-	0.4	1.2
Attenuation (reference level from max IL dB)				
270.0 ~ 286.0 MHz	dB	55	65	-
293.0 ~ 293.9 MHz	dB	53	60	-
304.0 ~ 304.6 MHz	dB	48	60	-
325.4 ~ 326.0 MHz	dB	24	30	-
336.1 ~ 337.0 MHz	dB	36	52	-
357.5 ~ 358.7 MHz	dB	50	60	-
VSWR within 314.7 ~ 315.3 MHz	-	-	1.4	1.6

Notes : (1) No Matching Network .

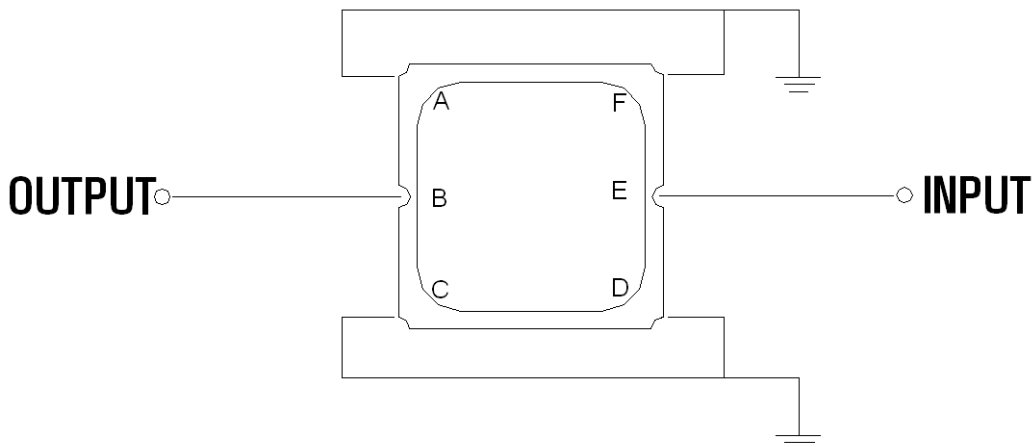
Package Dimensions



Marking Descriptions	
d	Wireless Application
F	Series Number
X	Date Code (Year)
Y	Date Code (Month)

Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

Testing Environment



Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response

