

- LTE, RF SAW Filter
- Revision 3: December 2012

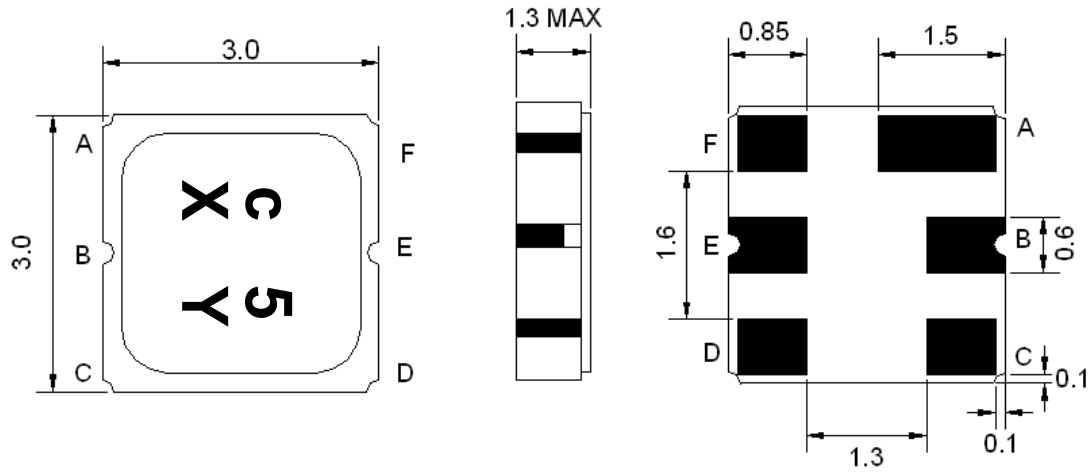
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	15
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	-	707.0	-
Insertion Loss within 698.0 ~ 716.0 MHz	dB	-	1.8	2.5
Amplitude Ripple within 698.0 ~ 716.0 MHz	dB _{p-p}	-	1.2	1.5
Return Loss within 698.0 ~ 716.0 MHz	dB	8	10	-
Attenuation:				
20.0 ~ 450.0 MHz	dB	30	32	-
558.0 ~ 576.0 MHz	dB	30	32	-
628.0 ~ 646.0 MHz	dB	25	32	-
722.0 ~ 728.0 MHz	dB	10	13	-
728.0 ~ 746.0 MHz	dB	30	42	-
768.0 ~ 786.0 MHz	dB	30	34	-
1000.0 ~ 3000.0 MHz	dB	3	6	-

Notes: (1) No Matching Network

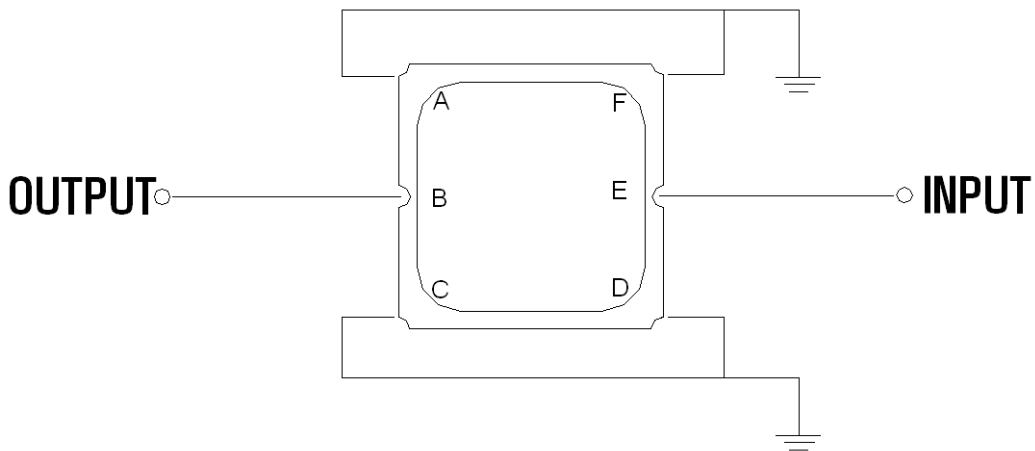
Package Dimensions



Marking Descriptions	
c	Wireless Application
5	Series Number
X	Date Code (Year)
Y	Date Code (Month)

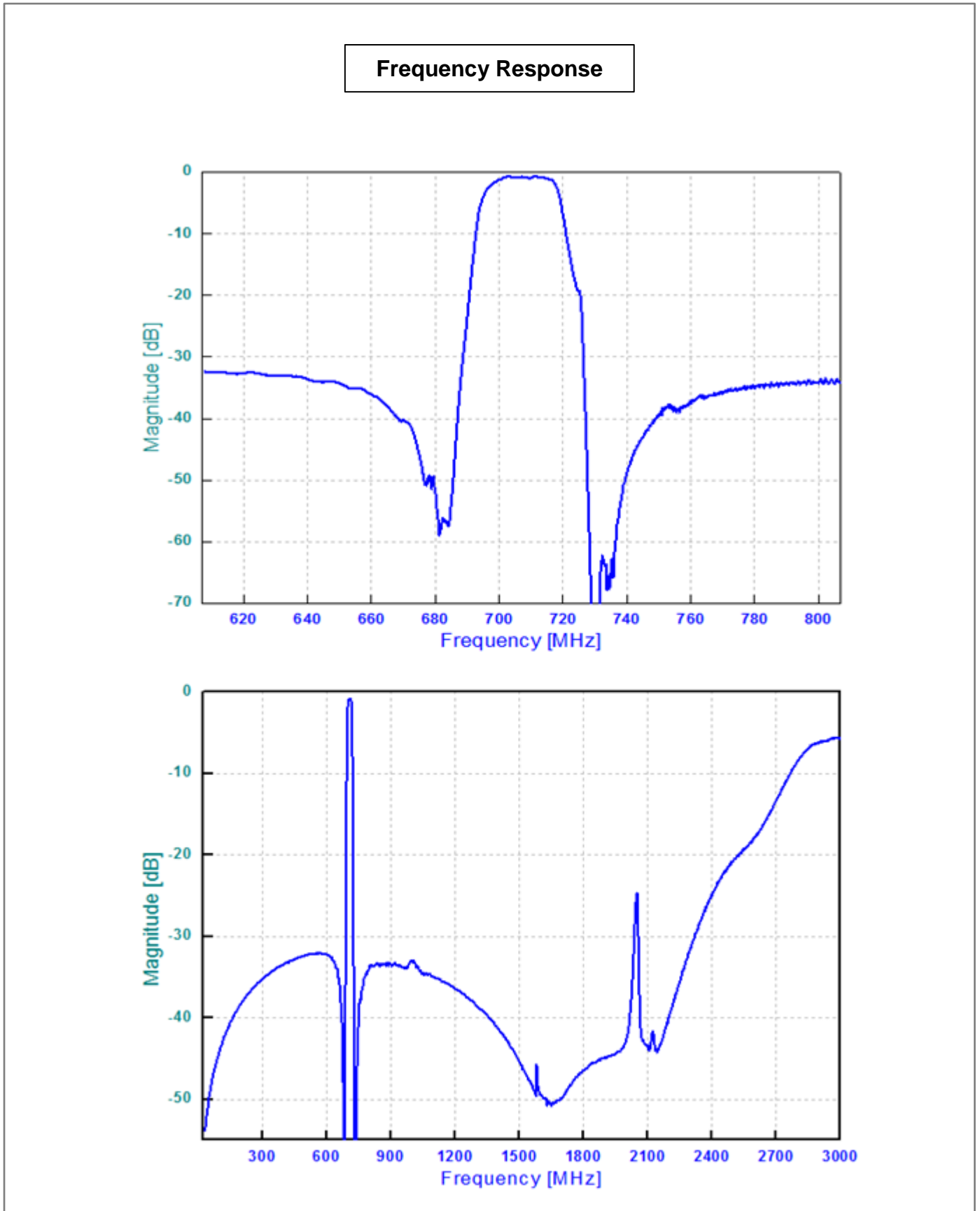
Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

Testing Environment

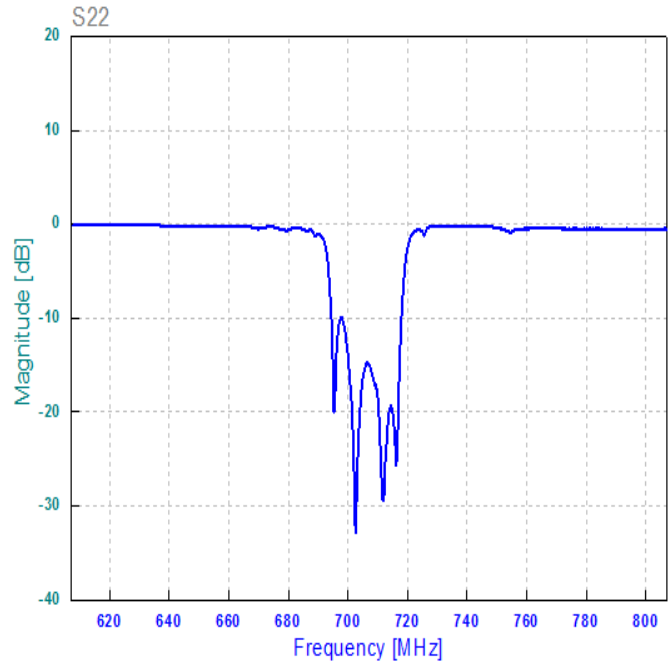
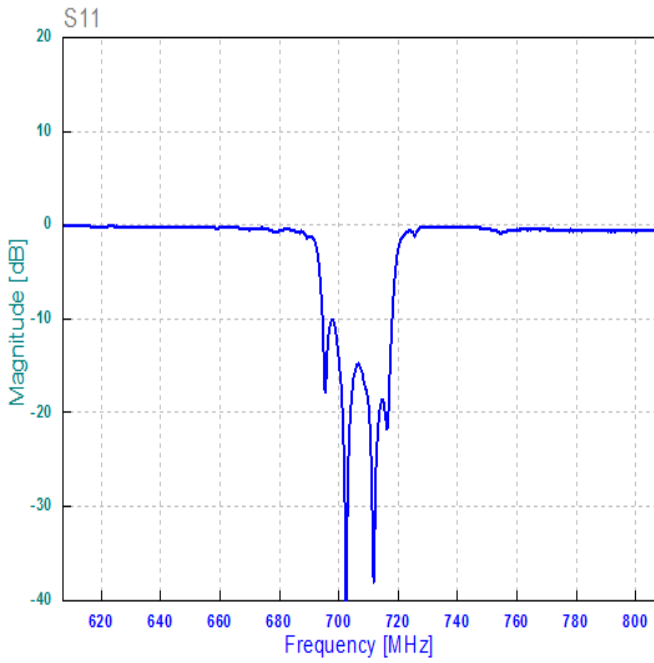


Source & Load Impedance: 50 Ω

Frequency Characteristics



Return Loss



Smith Chart

