- **Wireless, RF SAW Filter**
- **Revision 0: April 2015**

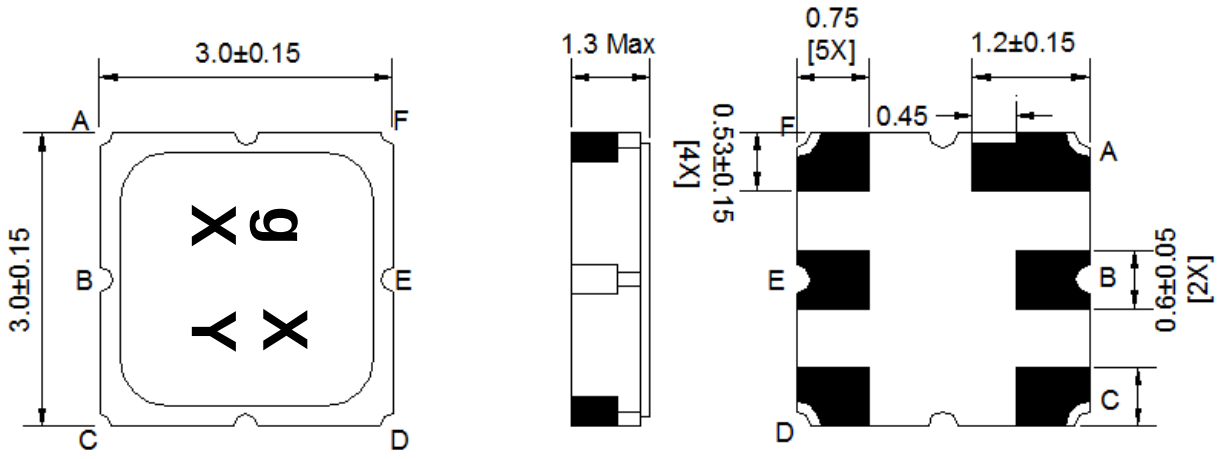
Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	**UNIT**	**MINIMUM**	**TYPICAL**	**MAXIMUM**
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	6
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended)(1)	Ω	-	50	-
Load Impedance (single ended)(1)	Ω	-	50	-
Package type & size	S20			
Length x Width	mm²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	**UNIT**	**MINIMUM**	**TYPICAL @+25°C**	**MAXIMUM**
Center Frequency (Fo)	MHz	-	942.5	-
Insertion within 925.0 ~ 960.0 MHz	dB	-	2.5	3.5
Amplitude Ripple within 925.0~ 960.0 MHz @25℃	dB_{p-p}	-	1.6	1.9
Attenuation(Reference level from 0dB):				
D.C ~ 100.0 MHz	dB	40	49	-
100.0 ~ 700.0 MHz	dB	30	37	-
700.0 ~ 800.0 MHz	dB	30	38	-
800.0 ~ 890.0 MHz	dB	33	40	-
890.0 ~ 905.0 MHz	dB	35	42	-
905.0 ~ 915.0 MHz	dB	8	31	-
980.0 ~ 1000.0 MHz	dB	35	52	-
1000.0 ~ 1200.0 MHz	dB	30	43	-
1200.0 ~ 1550.0 MHz	dB	30	43	-
1550.0 ~ 1950.0 MHz	dB	30	37	-
1950.0 ~ 2800.0 MHz	dB	20	32	-
2800.0 ~ 3000.0 MHz	dB	15	32	-
VSWR within 925.0 ~ 960.0 MHz	-	-	1.6	2.5

Notes: (1) No Matching Network

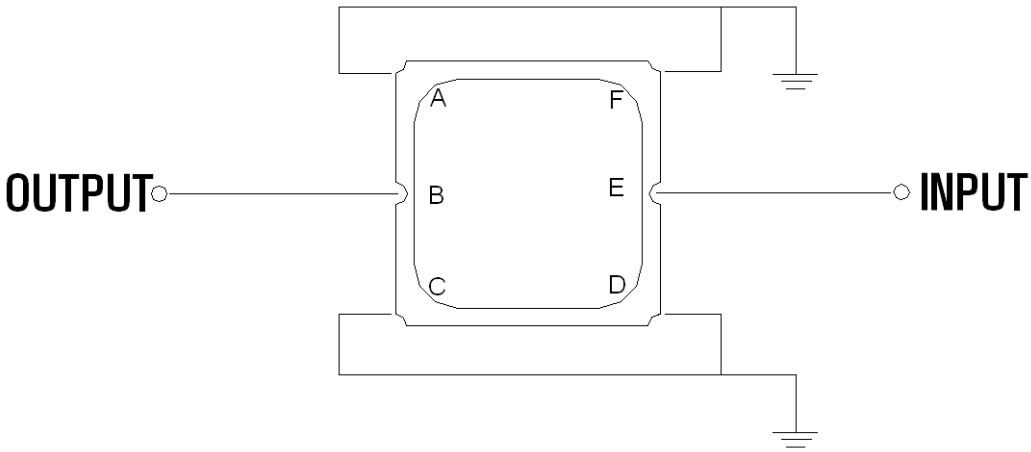
Package Dimensions



Marking Descriptions	
g	Wireless Application
X	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

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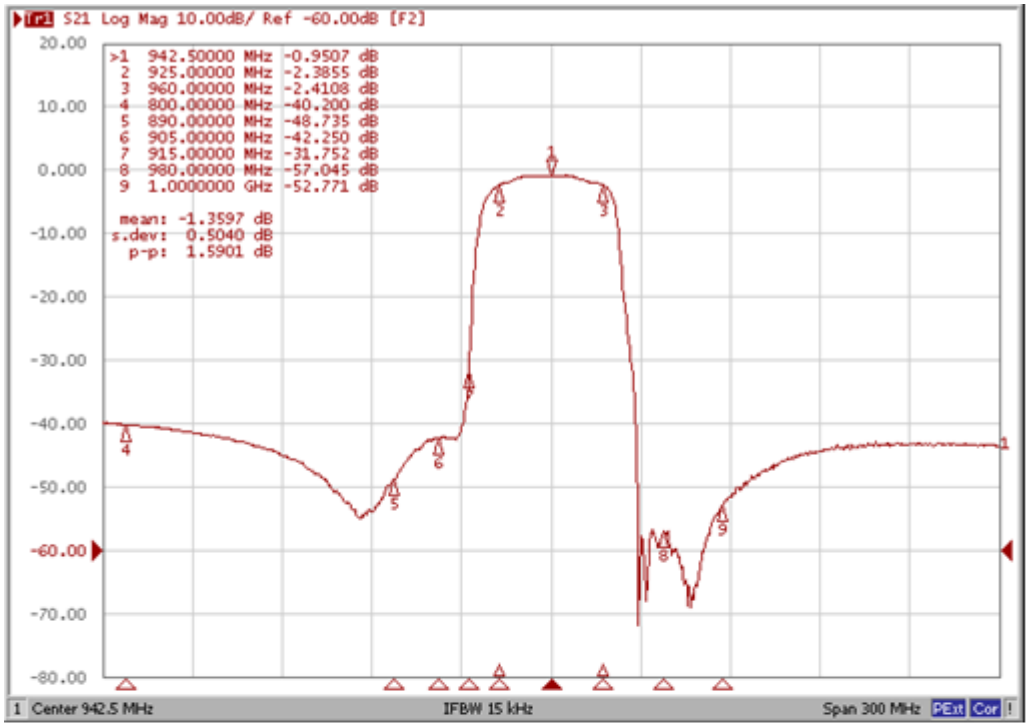
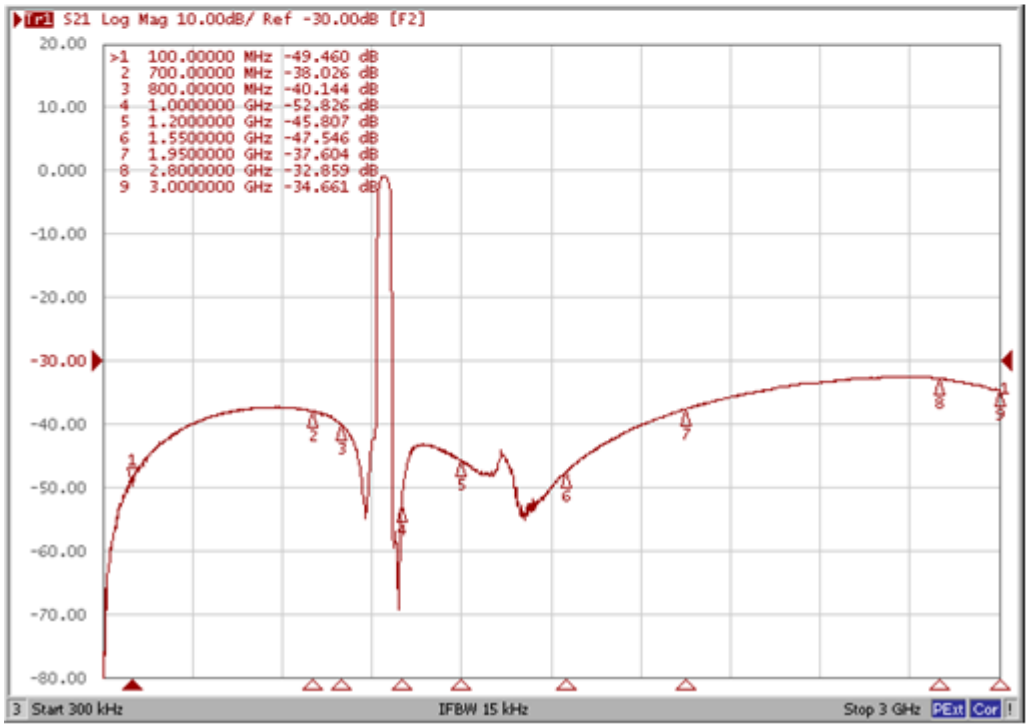
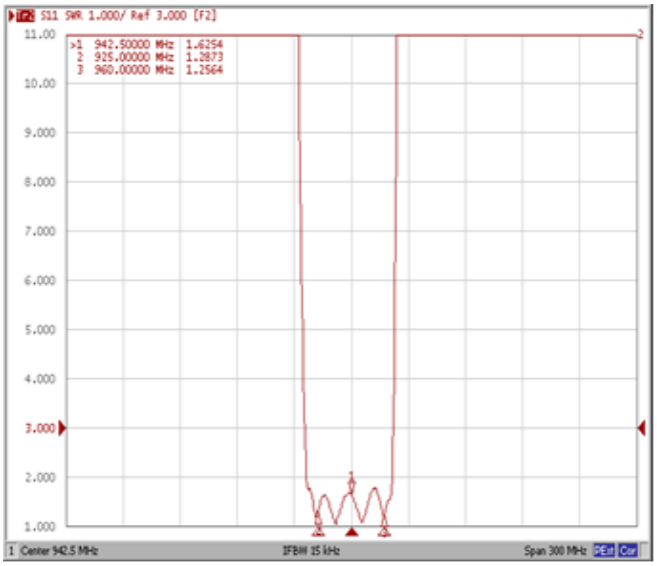
Frequency Characteristics

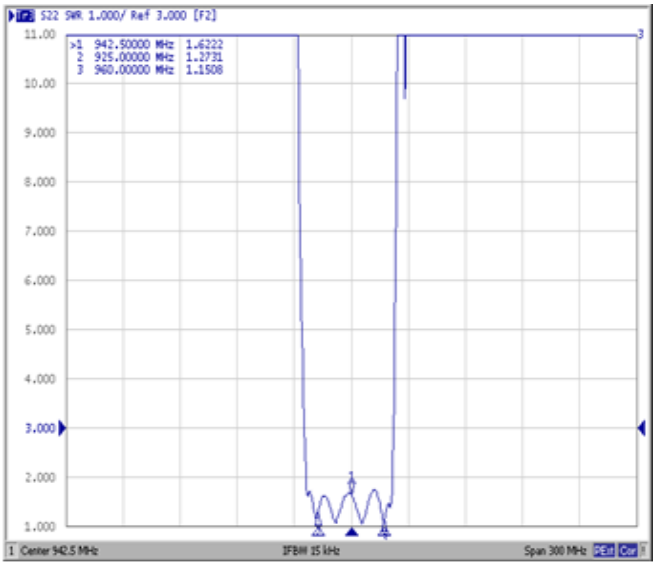
Frequency Response



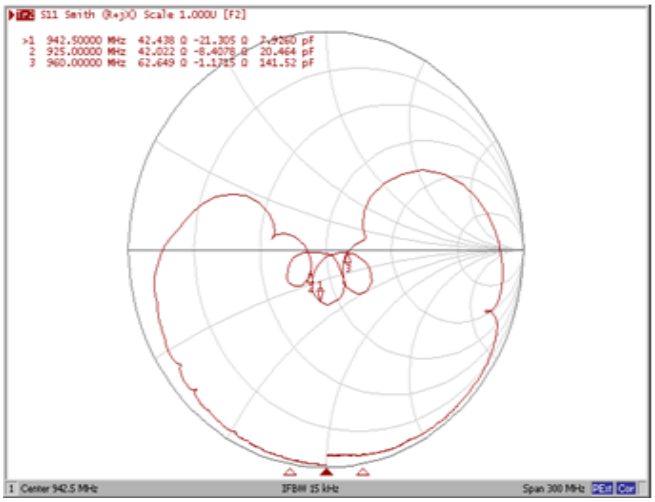


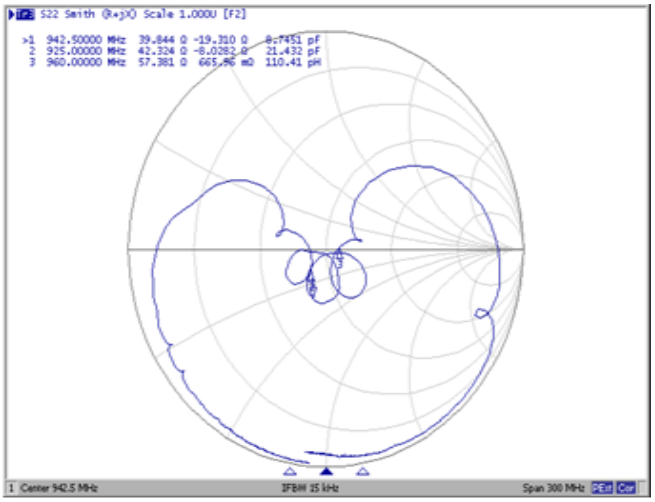
VSWR





Smith Chart





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