

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

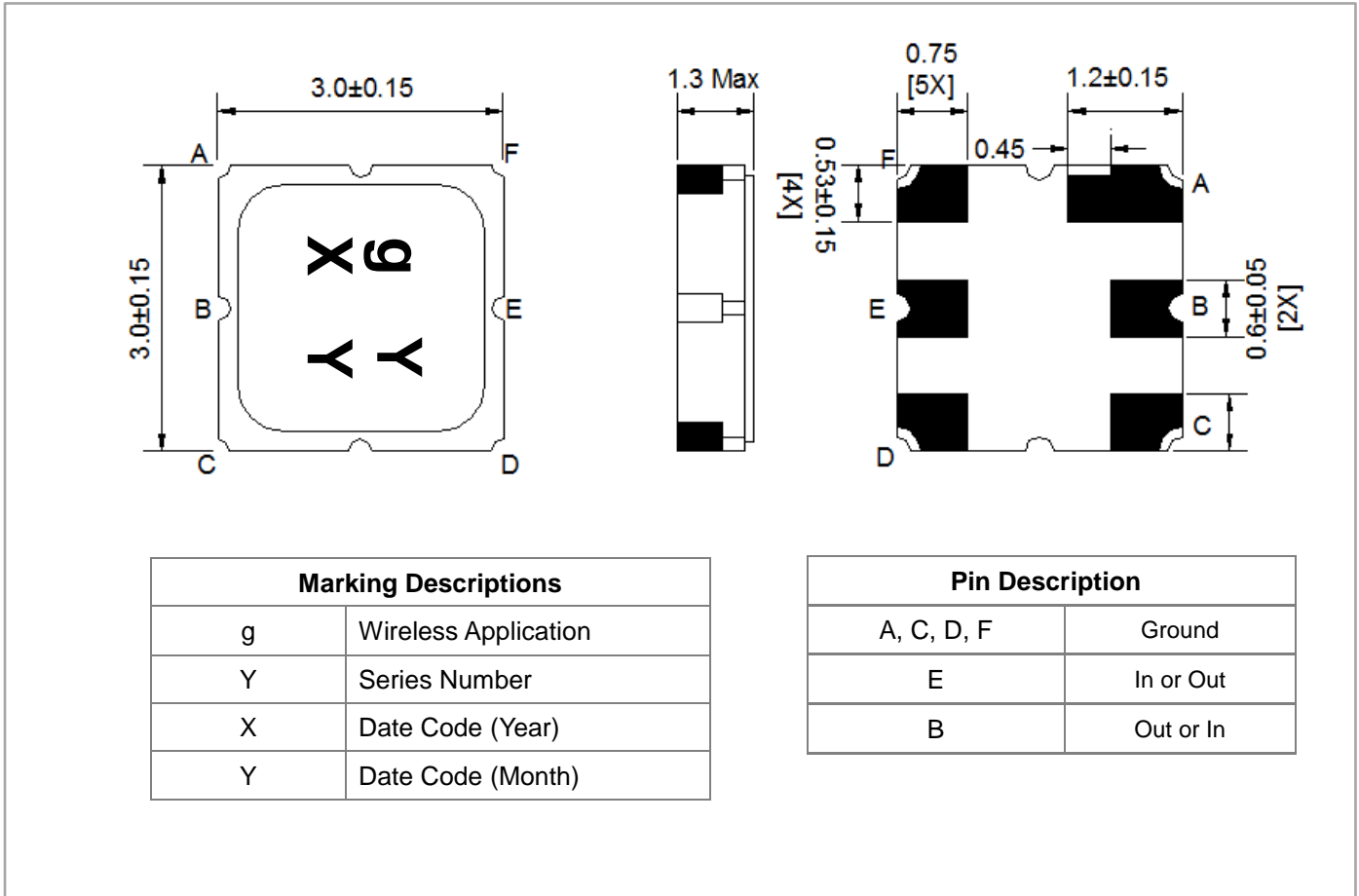
Electrical Characteristics

MAXIMUM RATINGS				
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	-	-	15
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	S20			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

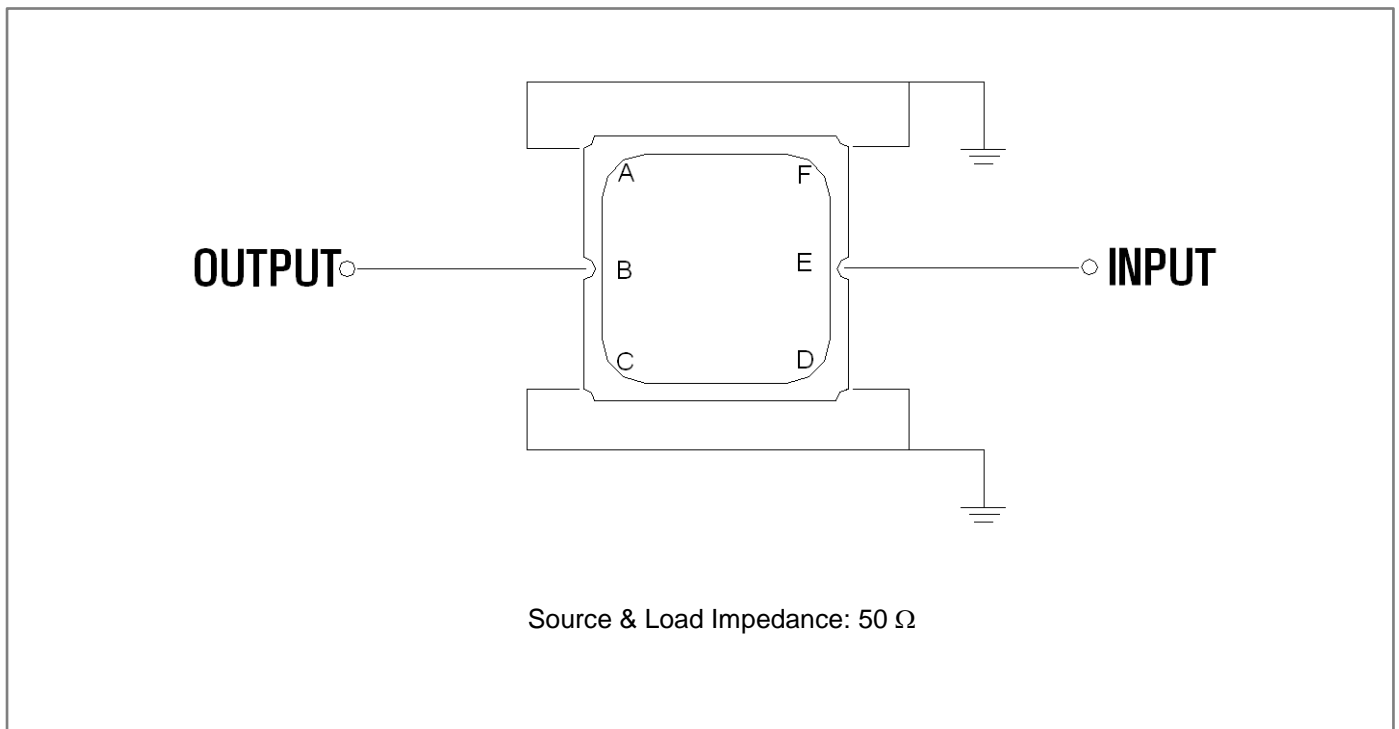
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL @+25°C	MAXIMUM
Center Frequency (Fo)	MHz	-	942.5	-
Insertion Loss within 925.0 ~ 960.0 MHz	dB	-	2.8	4.5
Amplitude Ripple within 925.0 ~ 960.0 MHz	dB _{p-p}	-	1.3	2.5
Attenuation:				
D.C ~ 800.0 MHz	dB	50	65	-
800.0 ~ 880.0 MHz	dB	40	56	-
880.0 ~ 905.0 MHz	dB	30	40	-
905.0 ~ 915.0 MHz	dB	10	18	-
980.0 ~ 982.0 MHz	dB	20	28	-
982.0 ~ 1005.0 MHz	dB	23	31	-
1005.0 ~ 1025.0 MHz	dB	30	41	-
1025.0 ~ 1760.0 MHz	dB	40	53	-
1760.0 ~ 2500.0 MHz	dB	30	35	-
2500.0 ~ 3120.0 MHz	dB	20	26	-
3120.0 ~ 4000.0 MHz	dB	18	22	-
4000.0 ~ 6000.0 MHz	dB	-	3.5	-
VSWR within 925.0 ~ 960.0 MHz	-	-	2.3	2.5

Notes: (1) No Matching Network

Package Dimensions

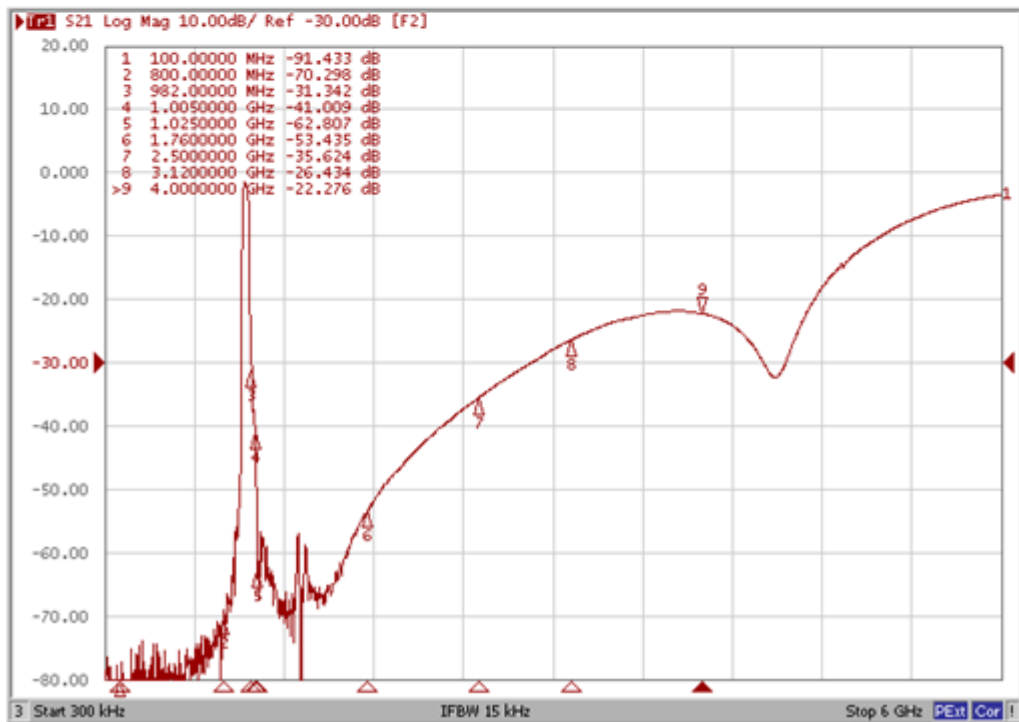
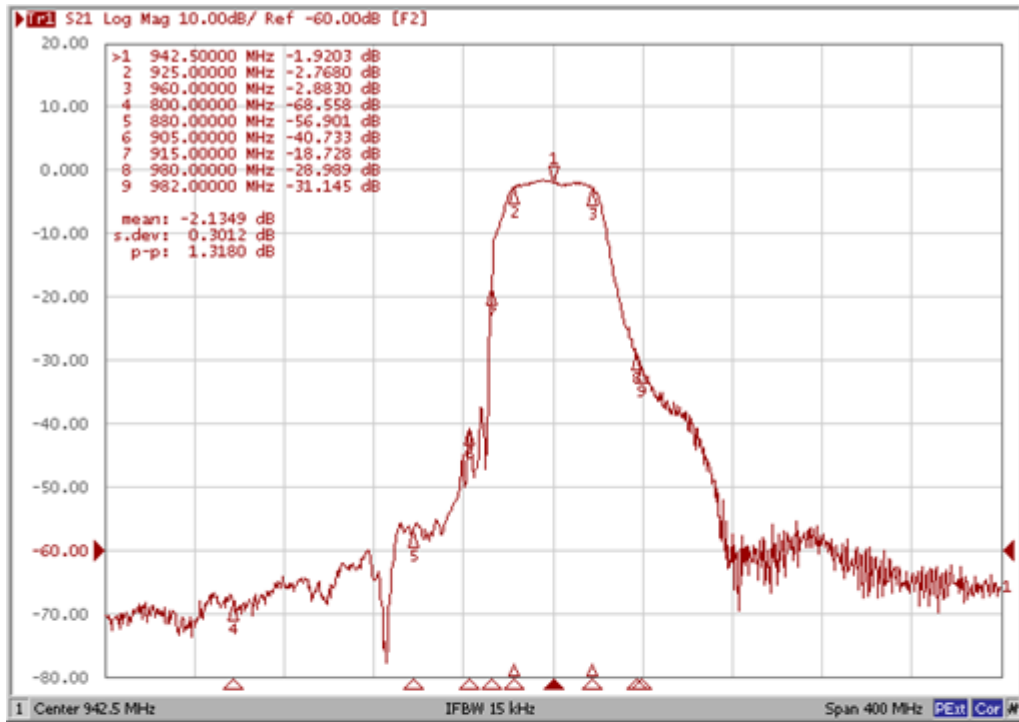


Testing Environment

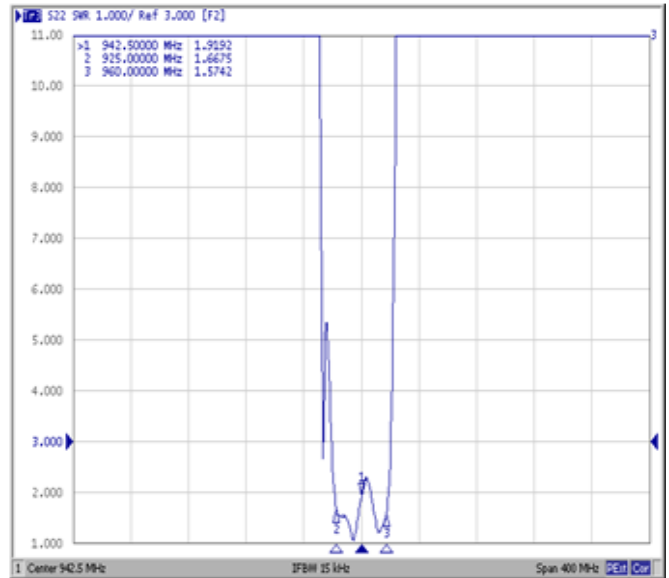
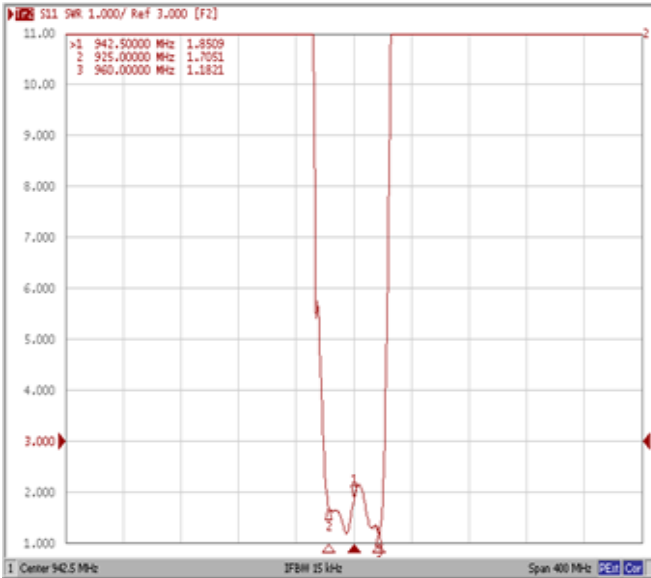


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

