

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

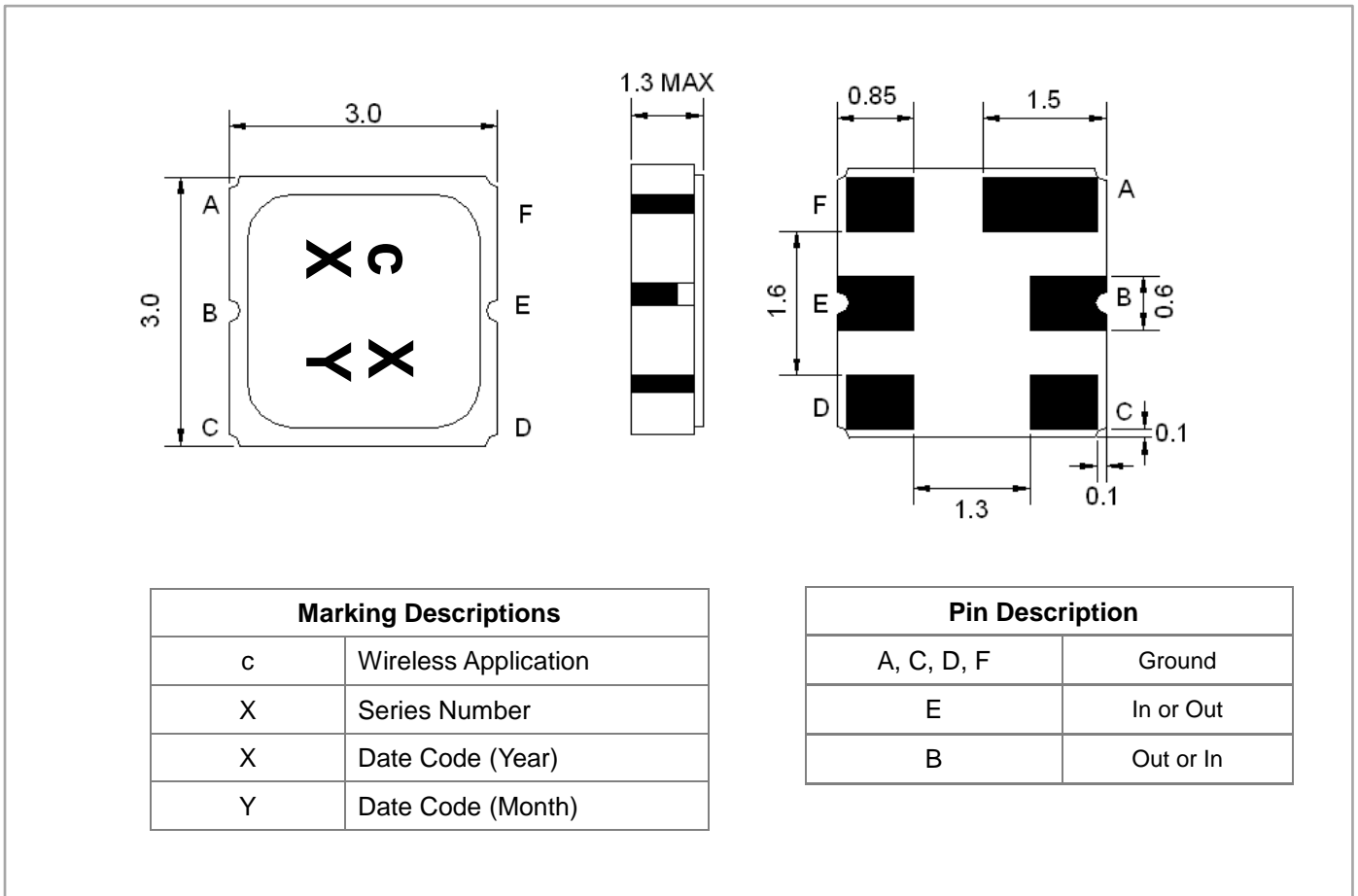
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-45	-	+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

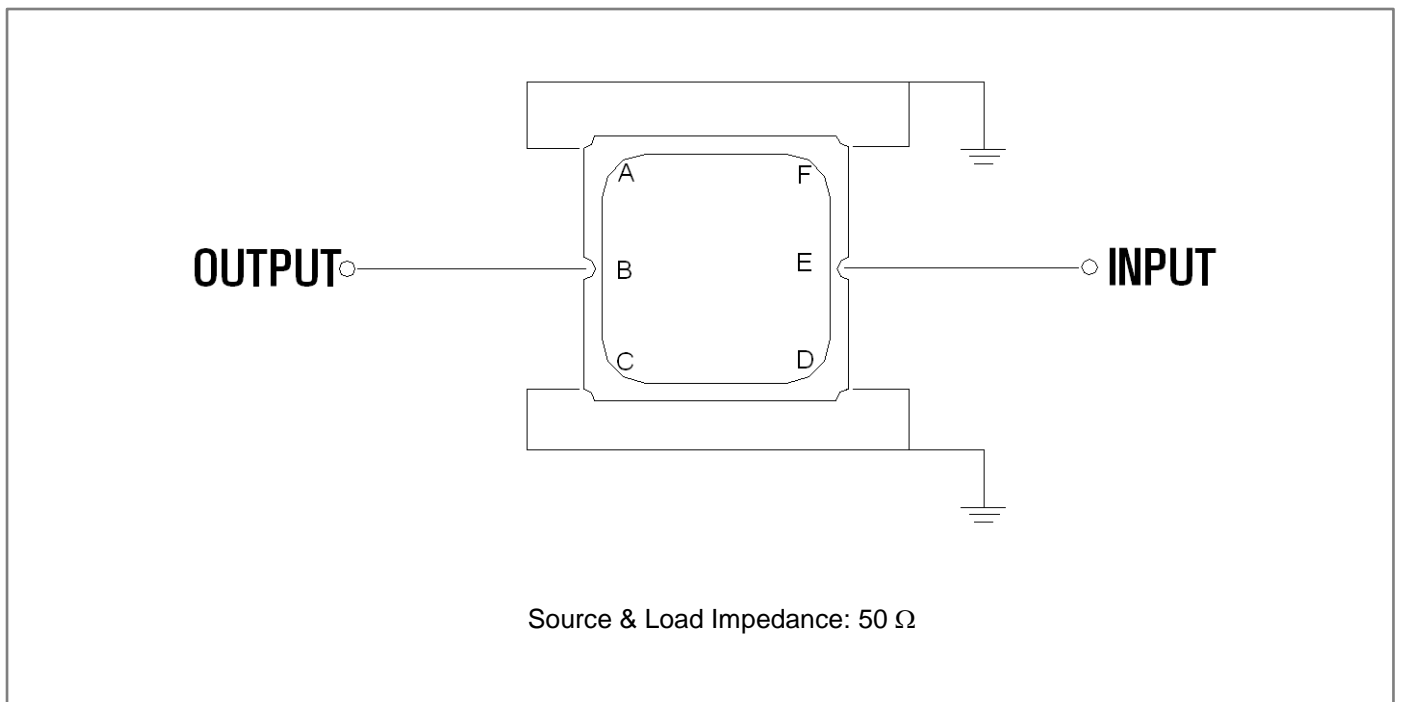
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	944.0	-
Insertion Loss within 928.0 ~ 960.0 MHz	dB	-	2.4	4.0
Amplitude Ripple within 928.0 ~ 960.0 MHz	dB _{p-p}	-	1.0	2.0
Attenuation:				
10.0 ~ 650.0 MHz	dB	50	65	-
650.0 ~ 890.0 MHz	dB	45	55	-
904.0 ~ 914.0 MHz	dB	25	35	-
980.0 ~ 1000.0 MHz	dB	20	26	-
1000.0 ~ 1650.0 MHz	dB	30	34	-
1650.0 ~ 1900.0 MHz	dB	33	45	-
1900.0 ~ 2500.0 MHz	dB	25	35	-
VSWR within 928.0 ~ 960.0 MHz	-	-	1.8	2.3

Notes: (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

Package Dimensions

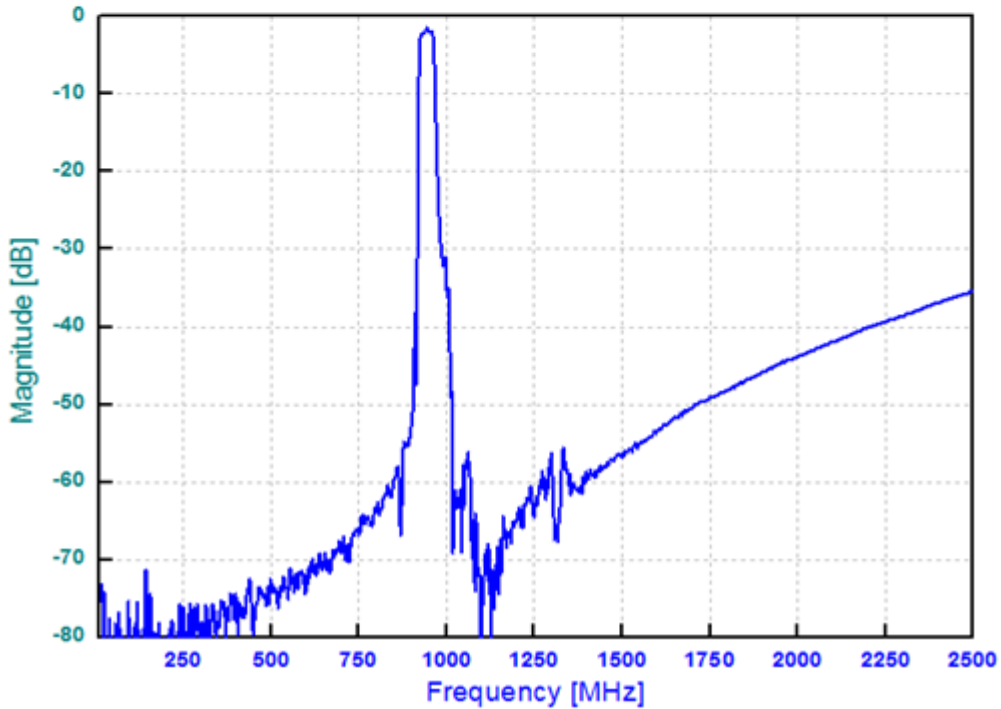
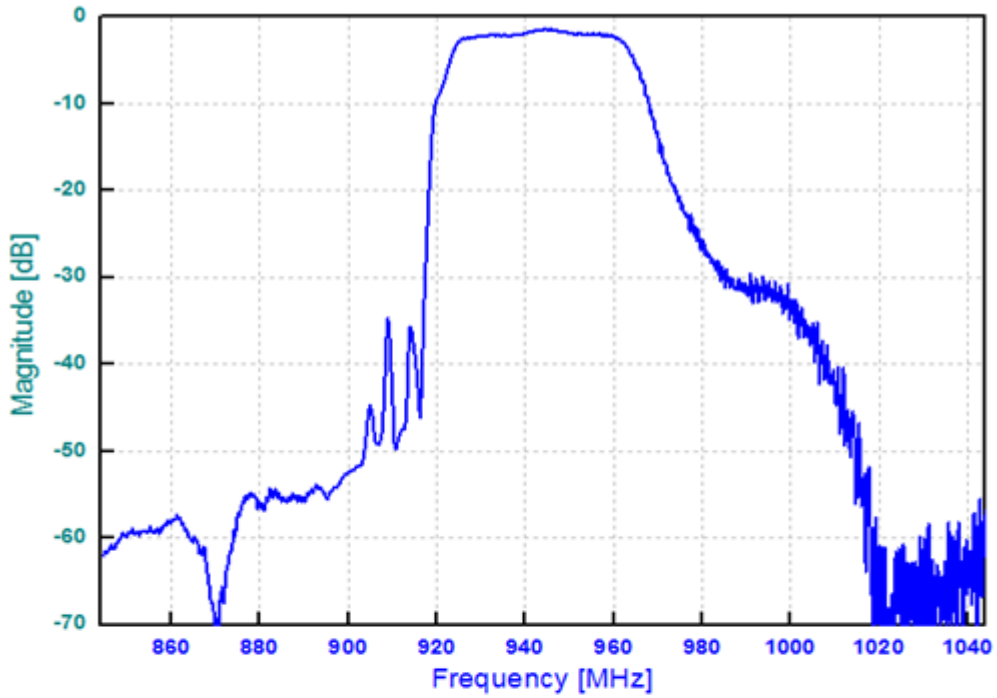


Testing Environment

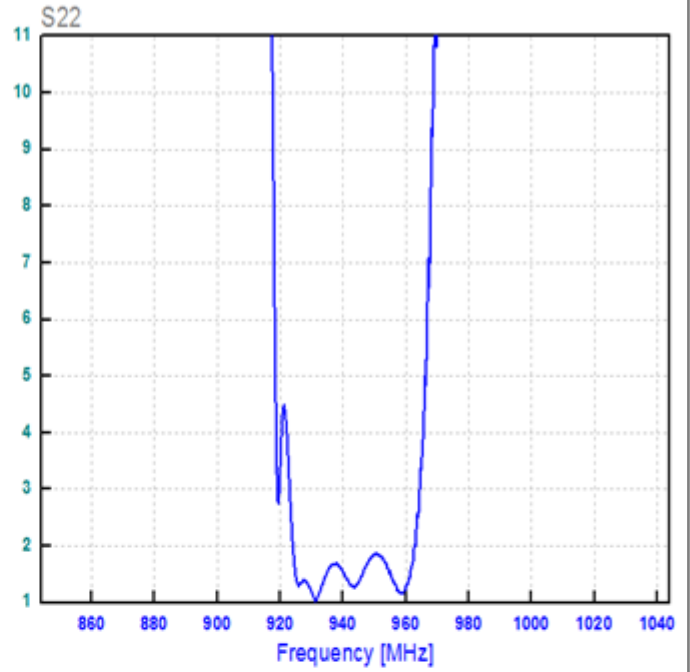
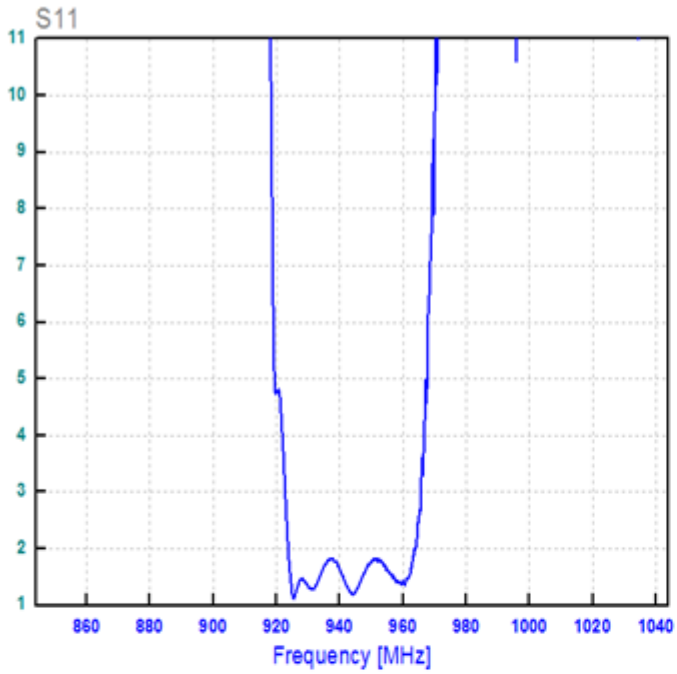


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

