

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

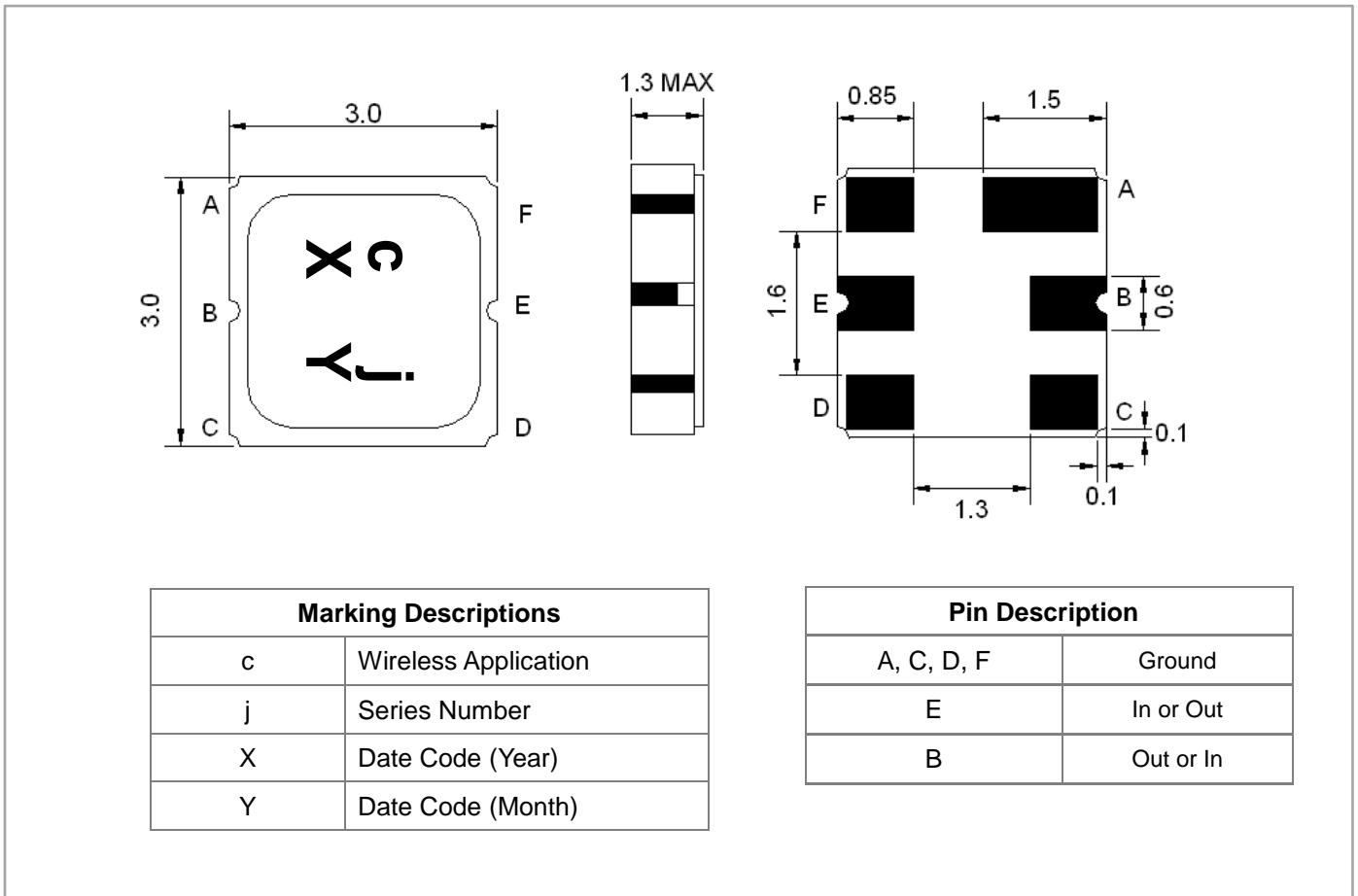
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	20
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

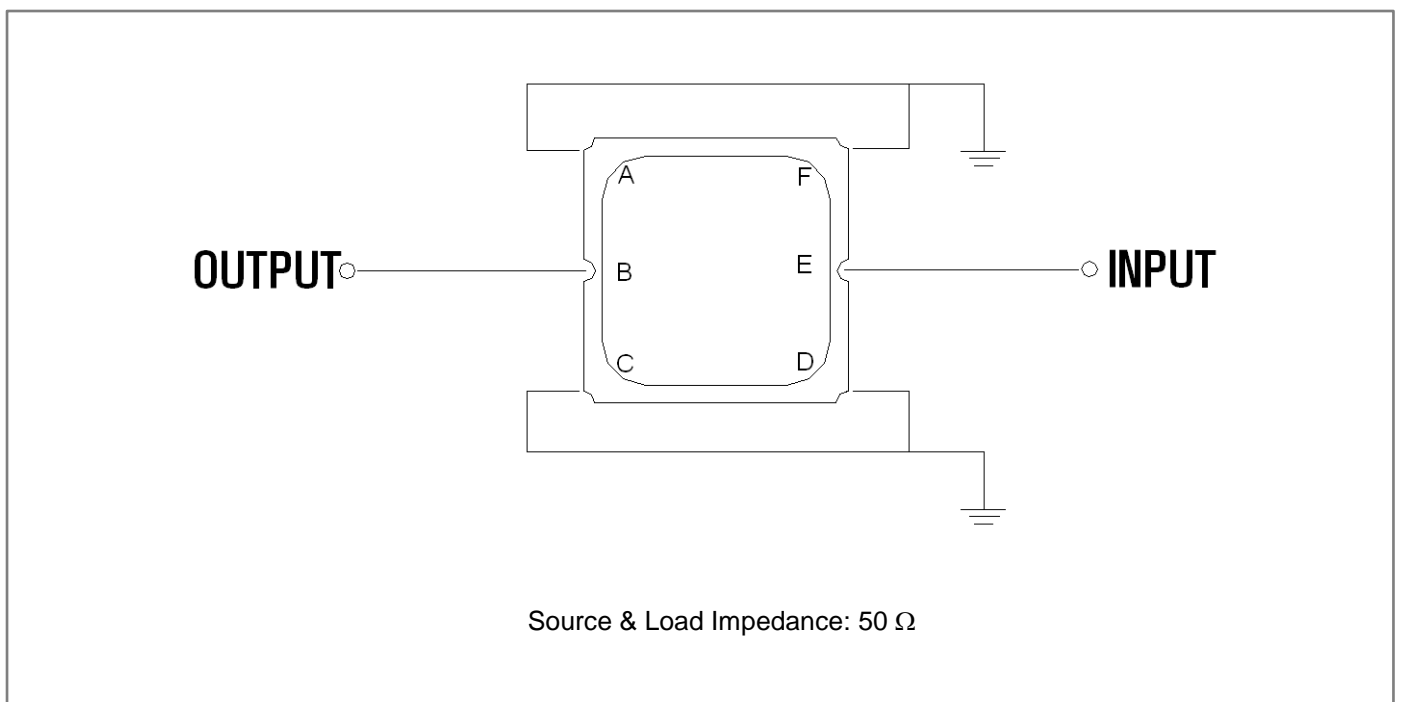
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1030.0	-
Insertion Loss within 1025.0 ~ 1035.0 MHz	dB	-	2.5	3.5
Amplitude Ripple within 1025.0 ~ 1035.0 MHz	dB _{p-p}	-	0.6	1.5
Group Delay Ripple within 1025.0 ~ 1035.0MHz	ns _{p-p}	-	20	60
Absolute Group Delay at Fo	ns	-	45	80
Attenuation:				
1008.0 MHz	dB	35	46	-
1052.0 MHz	dB	40	70	-
VSWR within 1025.0 ~ 1035.0 MHz	-	-	1.5	2.1

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

Package Dimensions

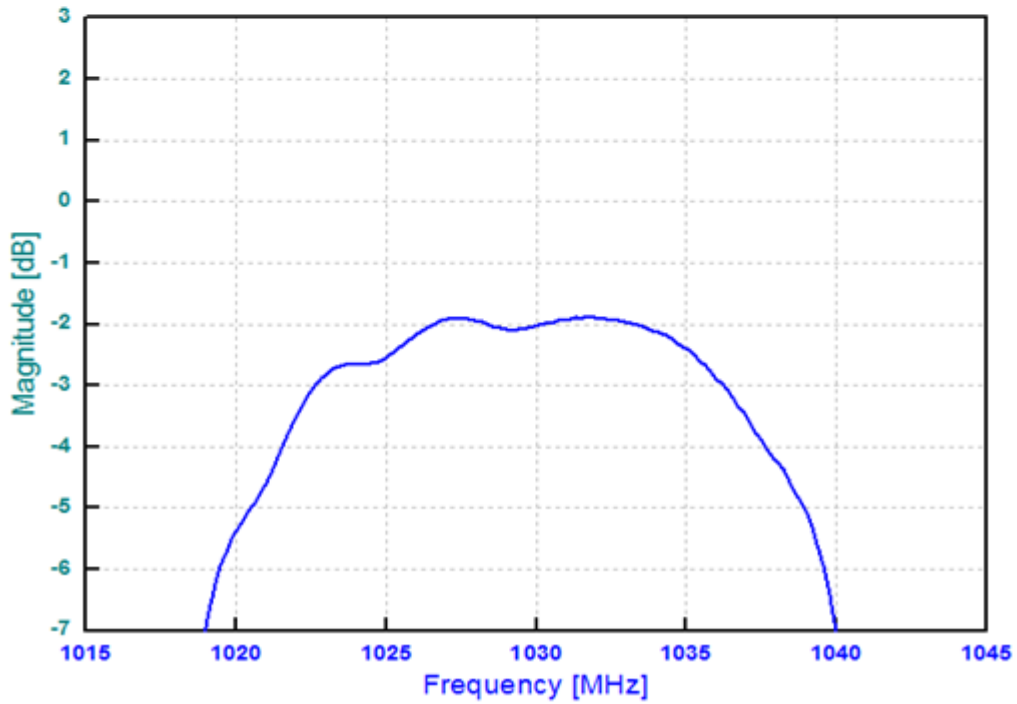
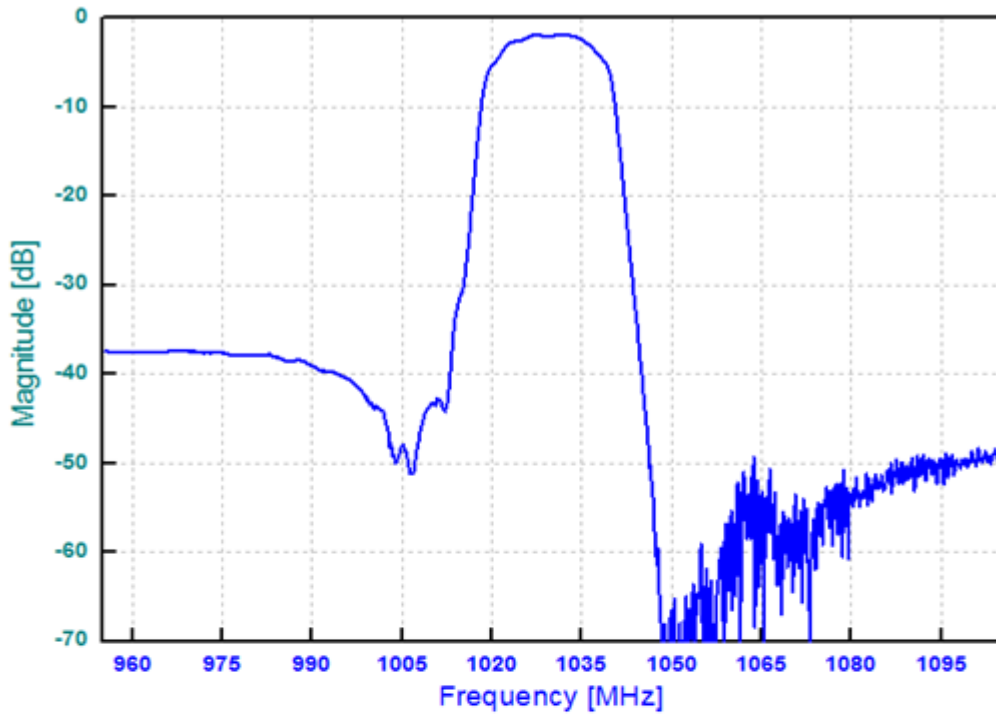


Testing Environment

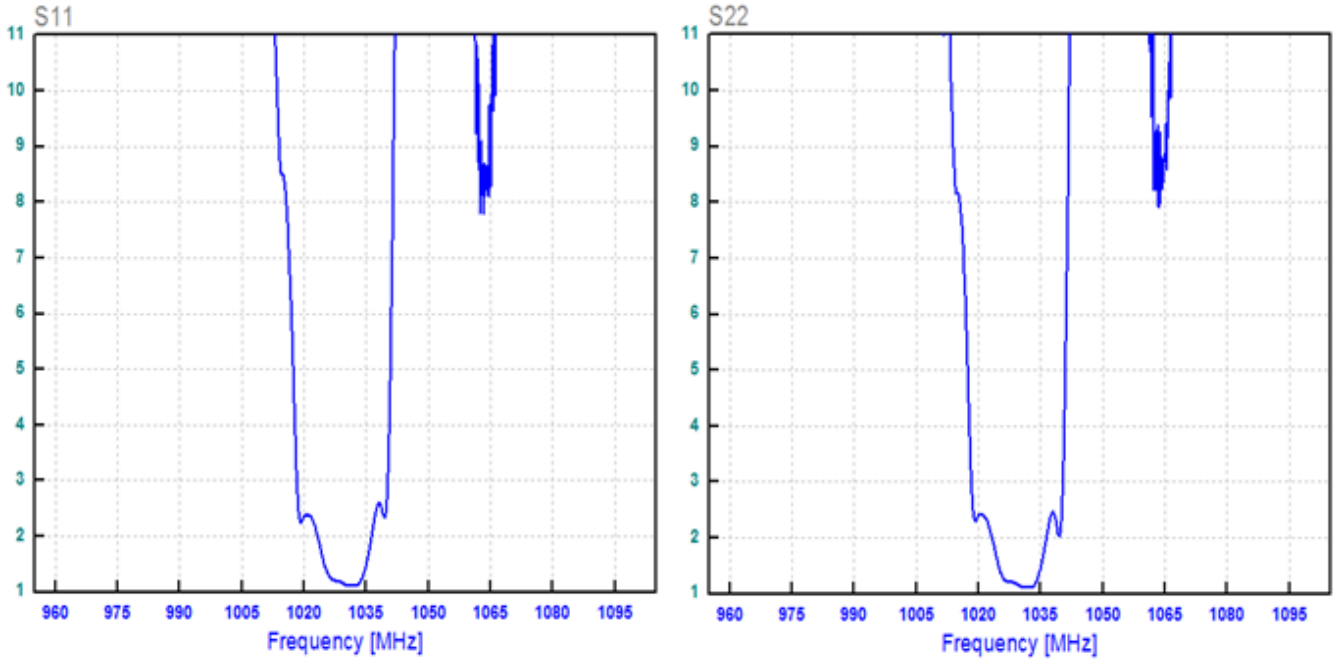


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

