

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

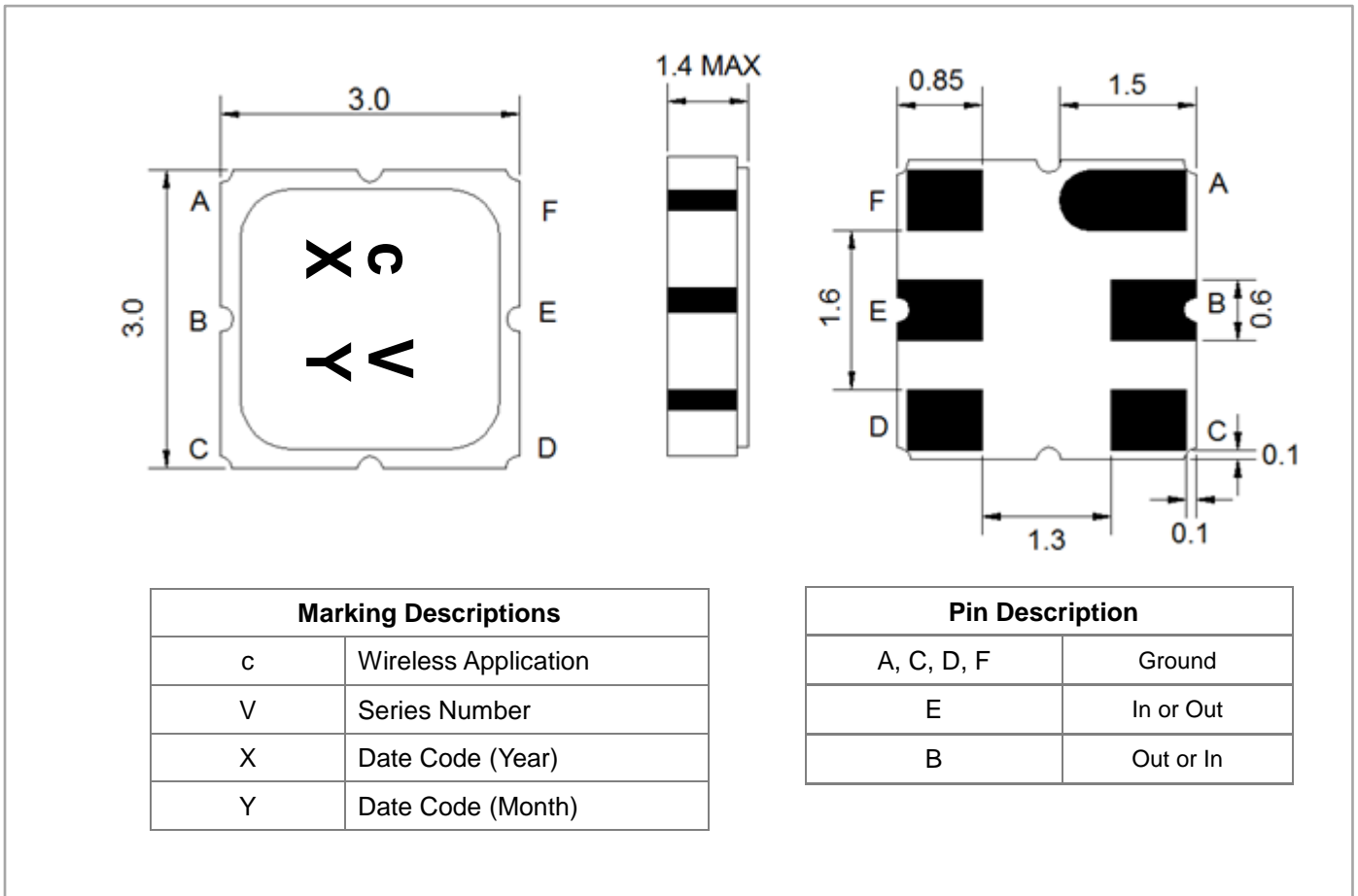
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
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	-	-	1.4

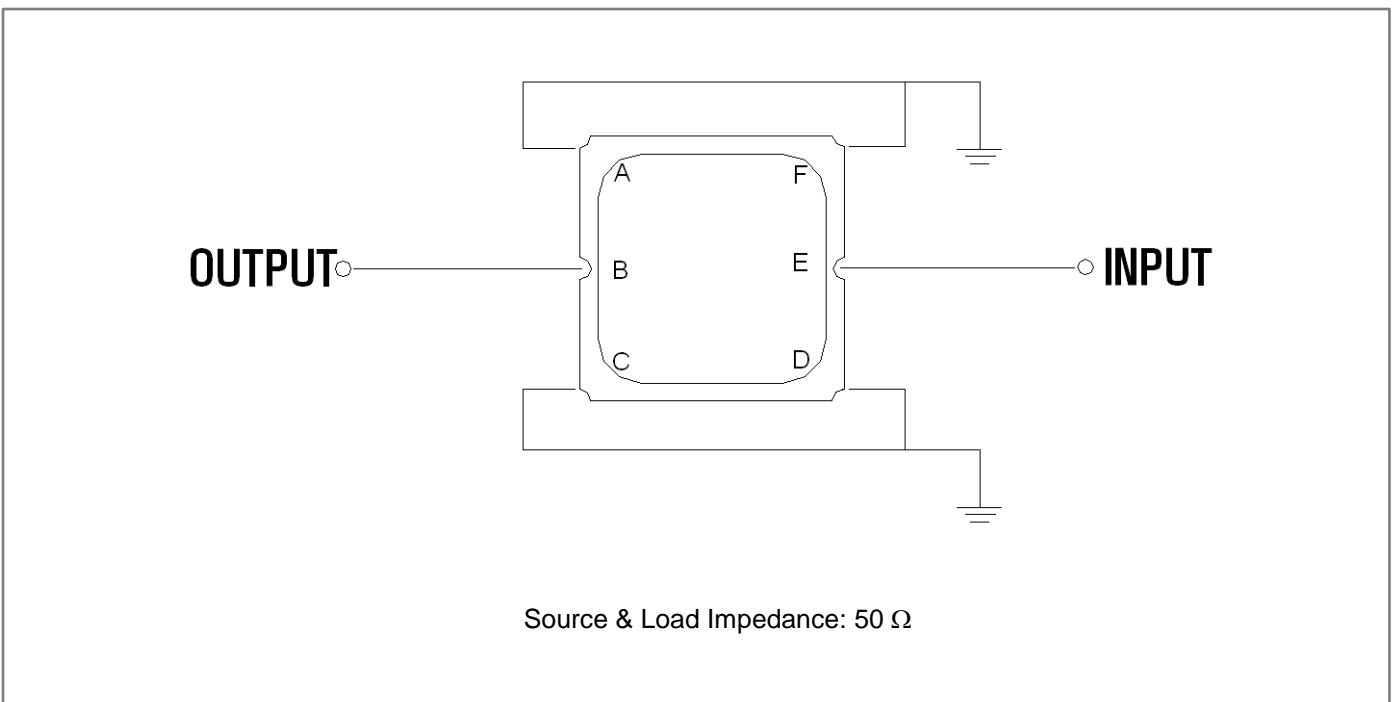
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	978.0	-
Insertion Loss within 975.5 ~ 980.5 MHz	dB	-	3.0	3.5
Amplitude Ripple within 975.5 ~ 980.5 MHz	dB _{p-p}	-	0.1	1.2
Attenuation: (Reference level from 0 dB)				
D.C ~ 950.0 MHz	dB	40	58	-
1000.0 ~ 1020.0 MHz	dB	30	38	-
1020.0 ~ 1500.0 MHz	dB	40	56	-
1500.0 ~ 2000.0 MHz	dB	30	50	-
VSWR within 975.5 ~ 980.5 MHz	-	-	1.6	2.4

Notes: (1) No Matching Network

Package Dimensions

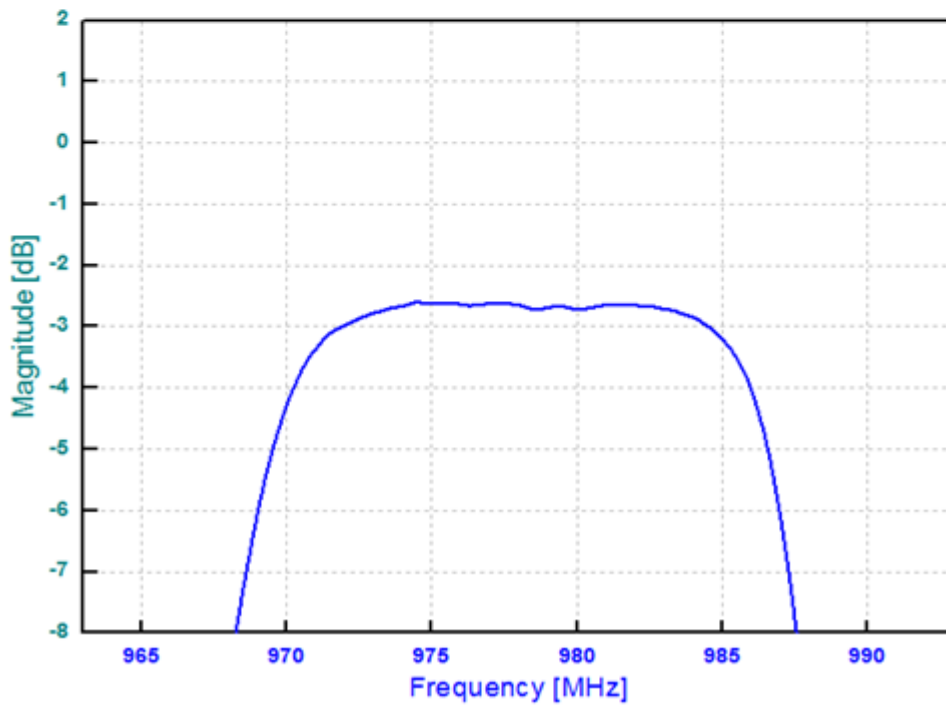
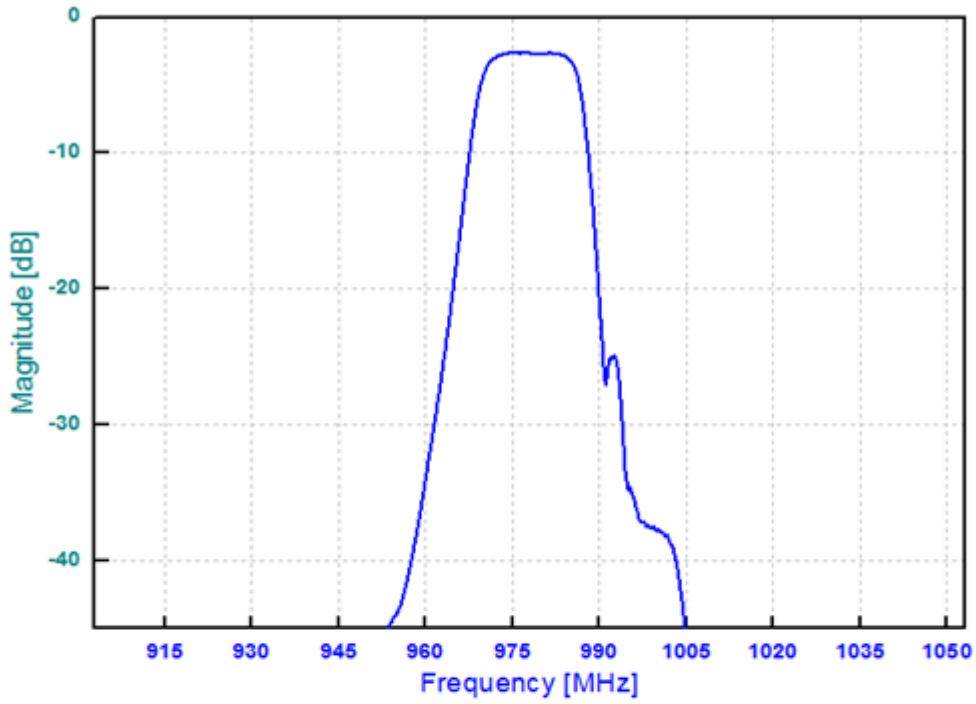


Testing Environment

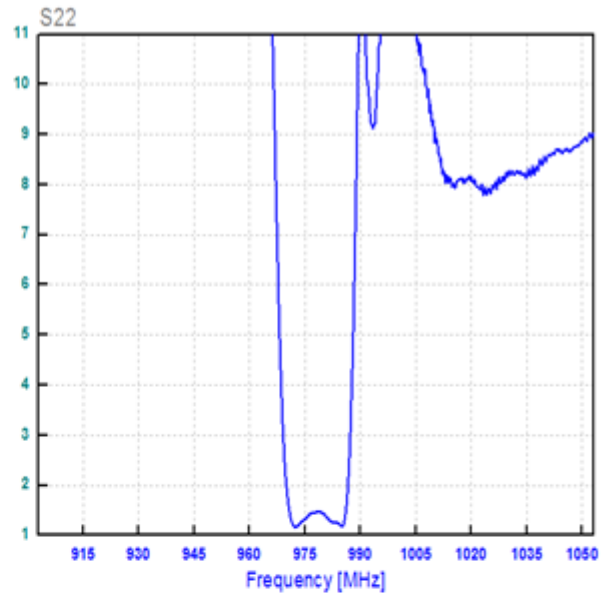
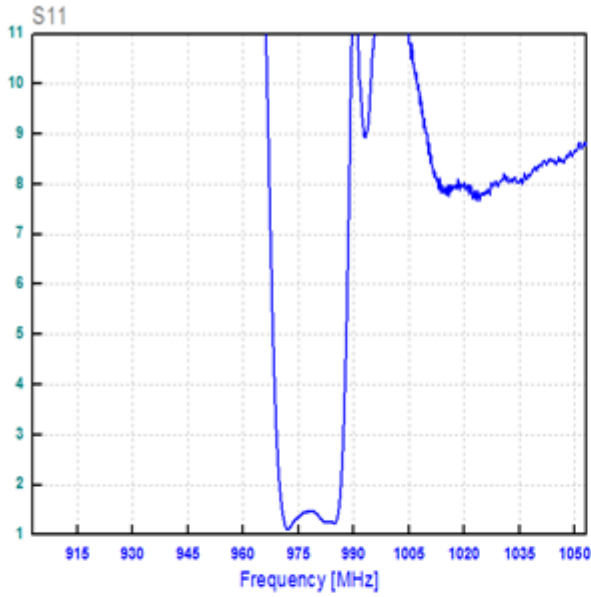


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

