

- Wireless, RF SAW Filter
- Revision 0 : June 2005

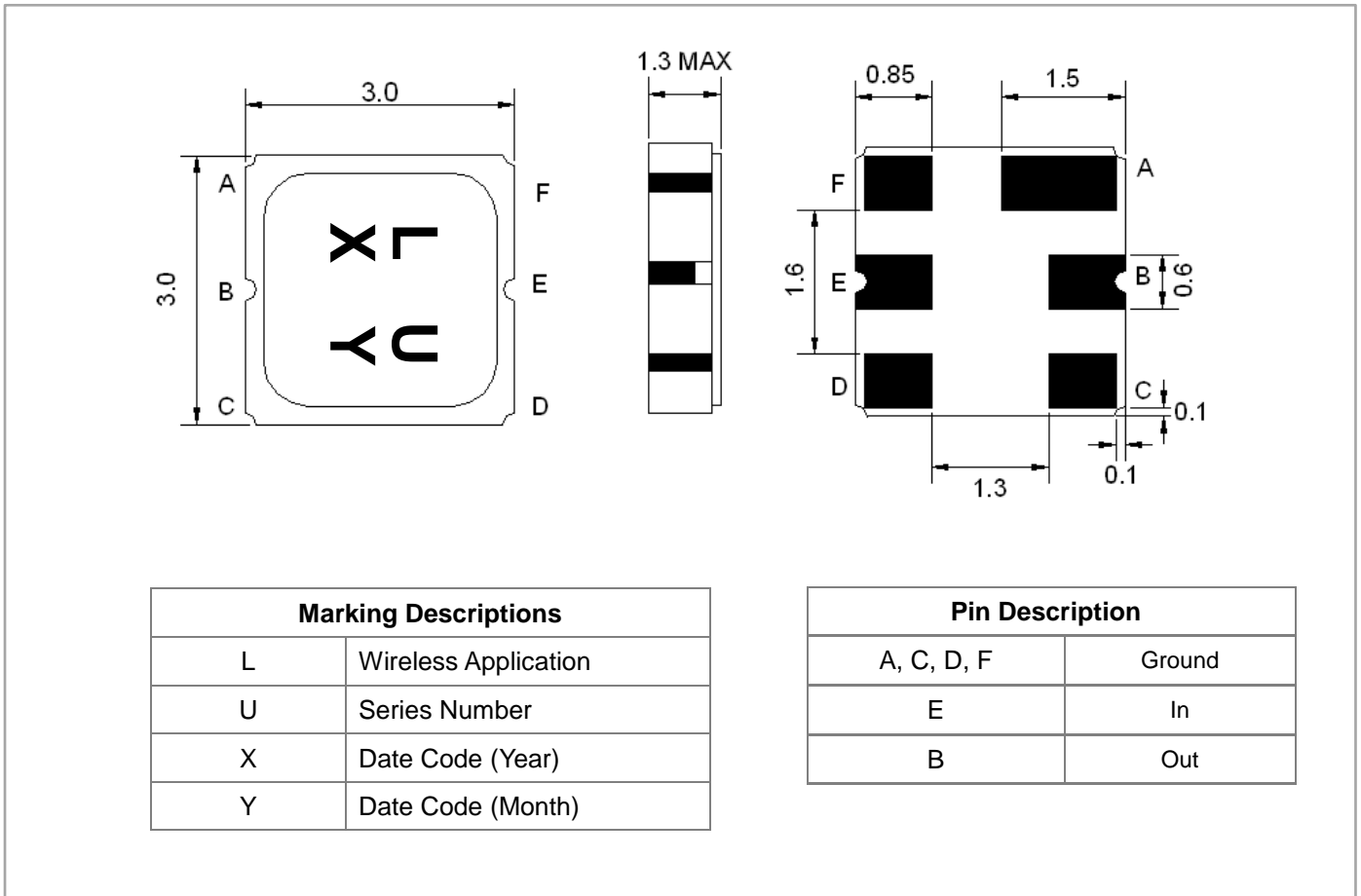
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+65
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	10
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

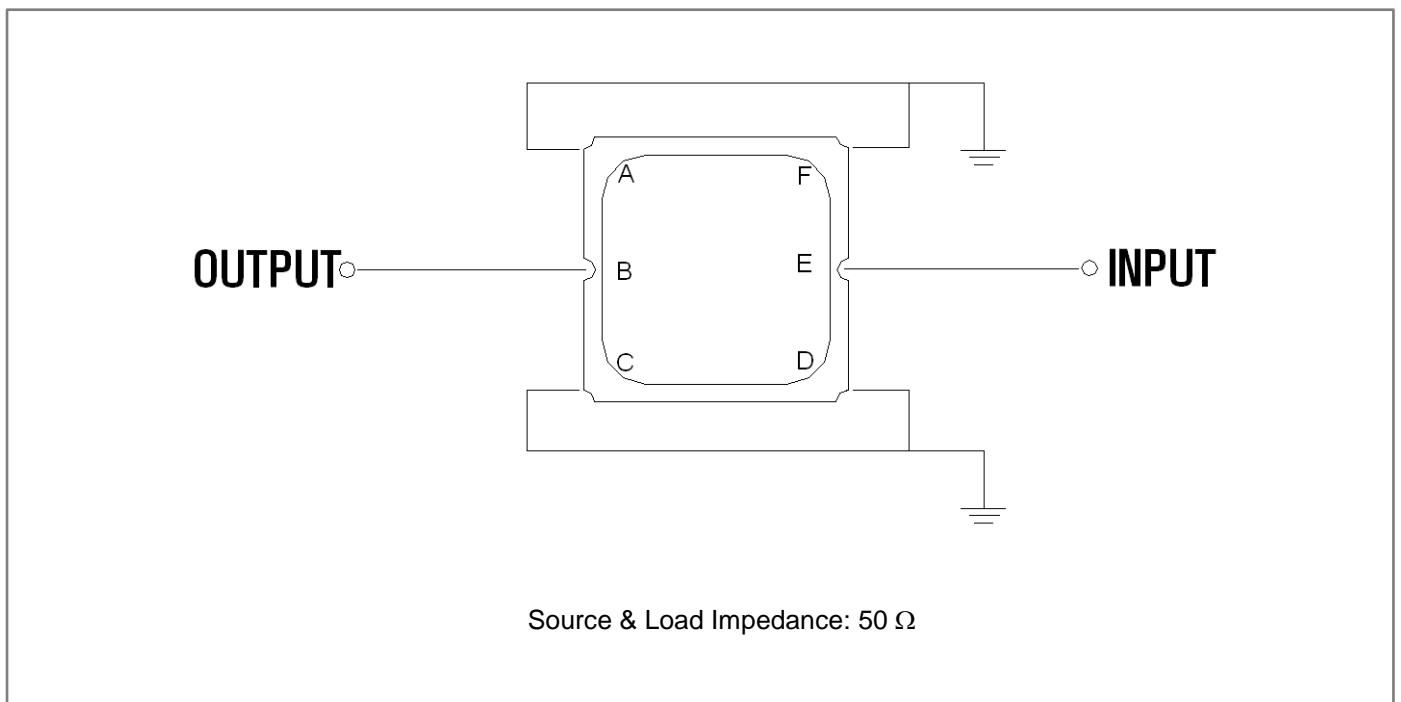
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	902.5	-
Insertion Loss within 894 ~ 911 MHz	dB	-	2.7	3.5
Amplitude Ripple within 894 ~ 911 MHz	dB _{p-p}	-	0.6	1.5
Attenuation:				
Fo-200.0 ~ Fo-50.0 MHz	dB	50	57	-
Fo+42.8 ~ Fo+60.0 MHz	dB	42	47	-
Fo+60.0 ~ Fo+200.0 MHz	dB	50	57	-
VSWR within 894 ~ 911 MHz	-	-	1.6	2.0

Notes: (1) No Matching Network

Package Dimensions

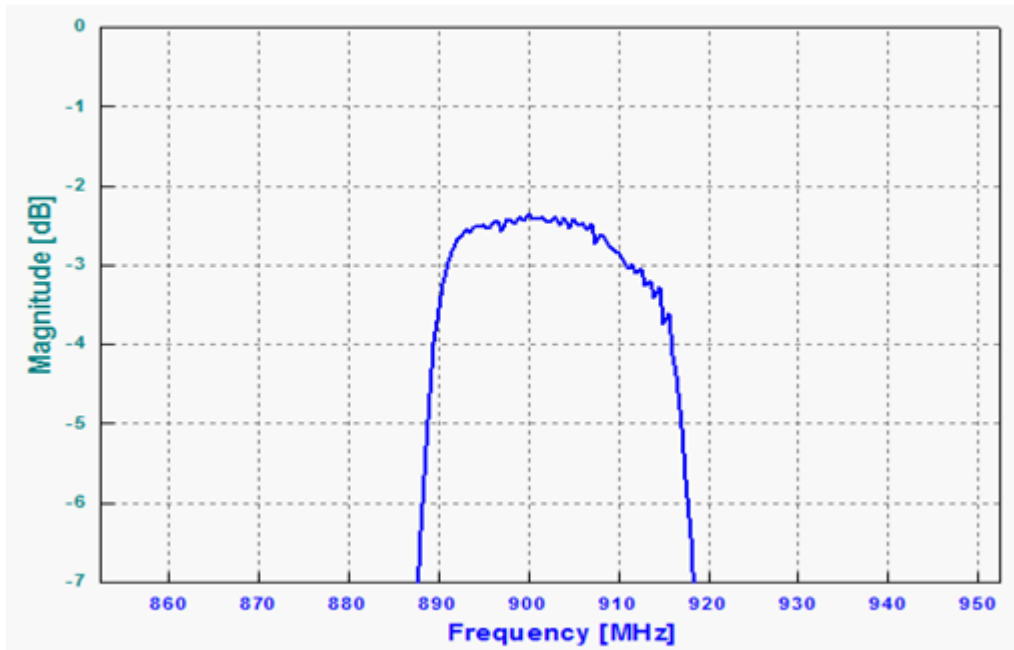
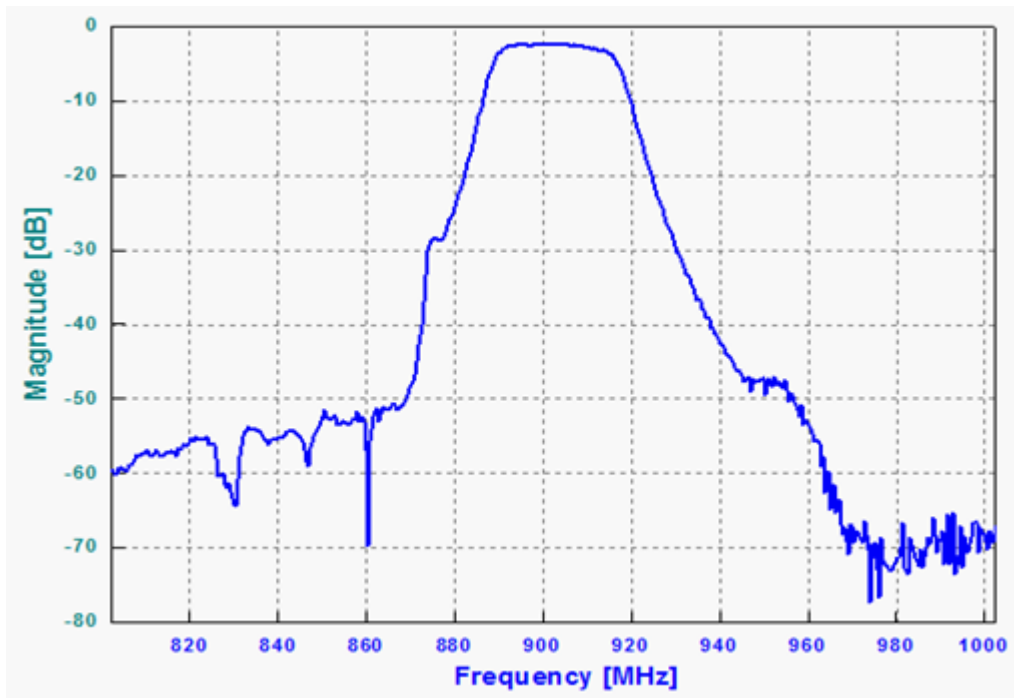


Testing Environment

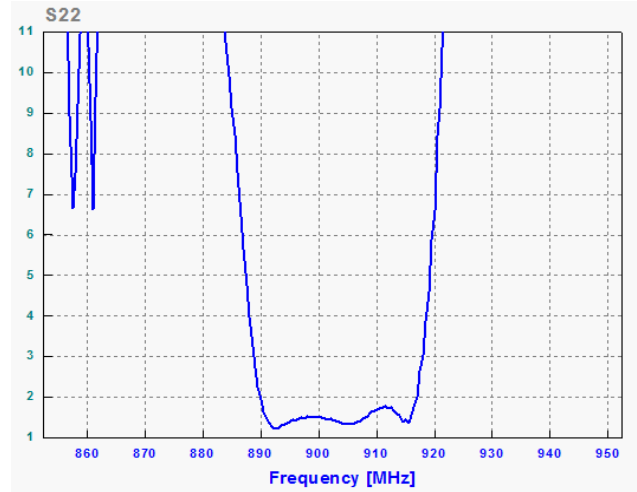
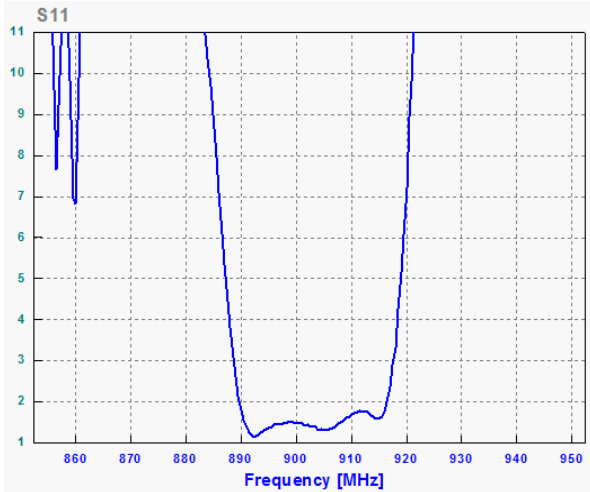


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

