

- Wireless, RF SAW Filter
- Revision 0: July 2010

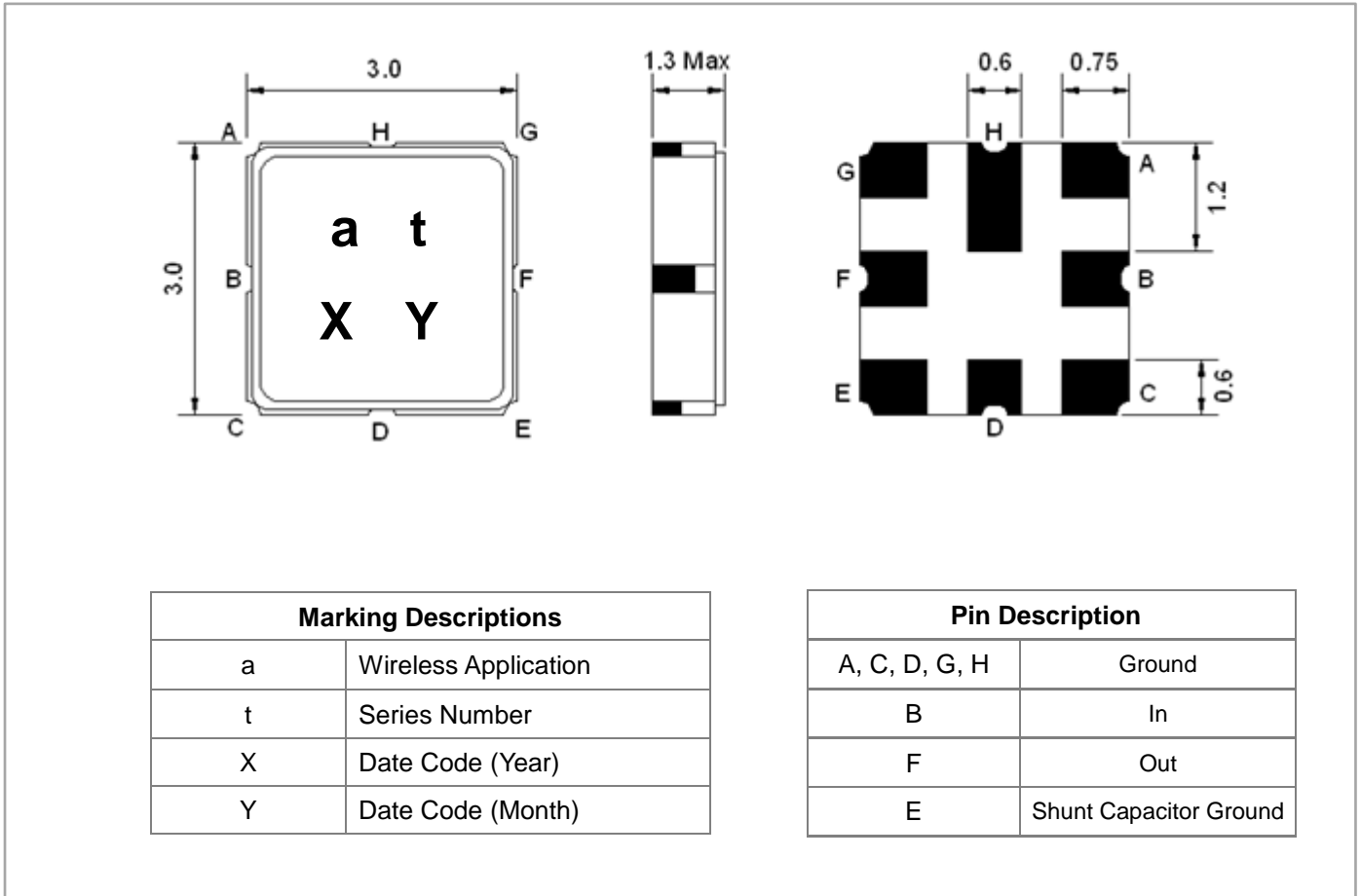
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	-
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	M1			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

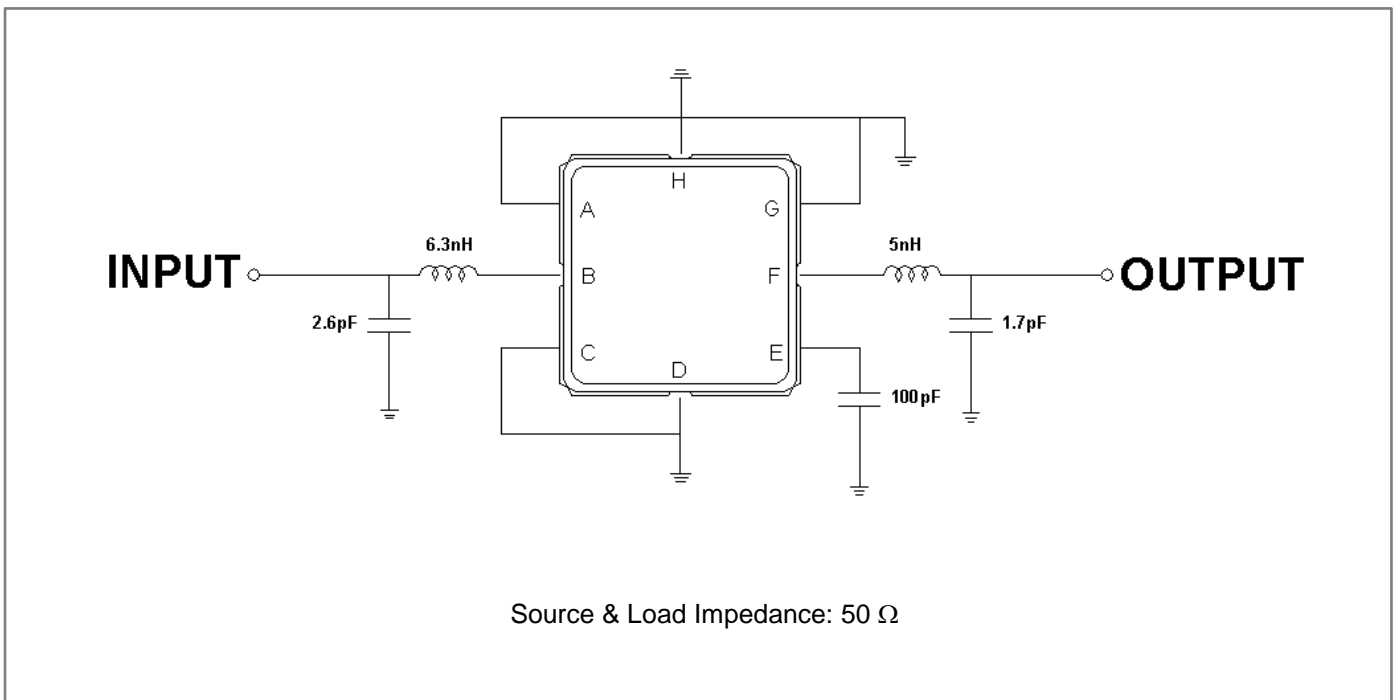
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1587.1	-
Insertion Loss within 1559.6 ~ 1614.6 MHz	dB	-	2.5	3.8
Amplitude Ripple within 1559.6 ~ 1614.6 MHz	dB <sub>p-p</sub>	-	1.3	2.0
Group Delay Variation within 1559.6 ~ 1614.6 MHz	ns <sub>p-p</sub>	-	7	30
<b>Attenuation:</b>				
1300.0 ~ 1435.0 MHz	dB	23	27	-
1435.0 ~ 1525.0 MHz	dB	23	28	-
1653.0 ~ 1743.0 MHz	dB	23	28	-
1743.0 ~ 1887.0 MHz	dB	20	25	-

**Notes:** (1) With Matching Network

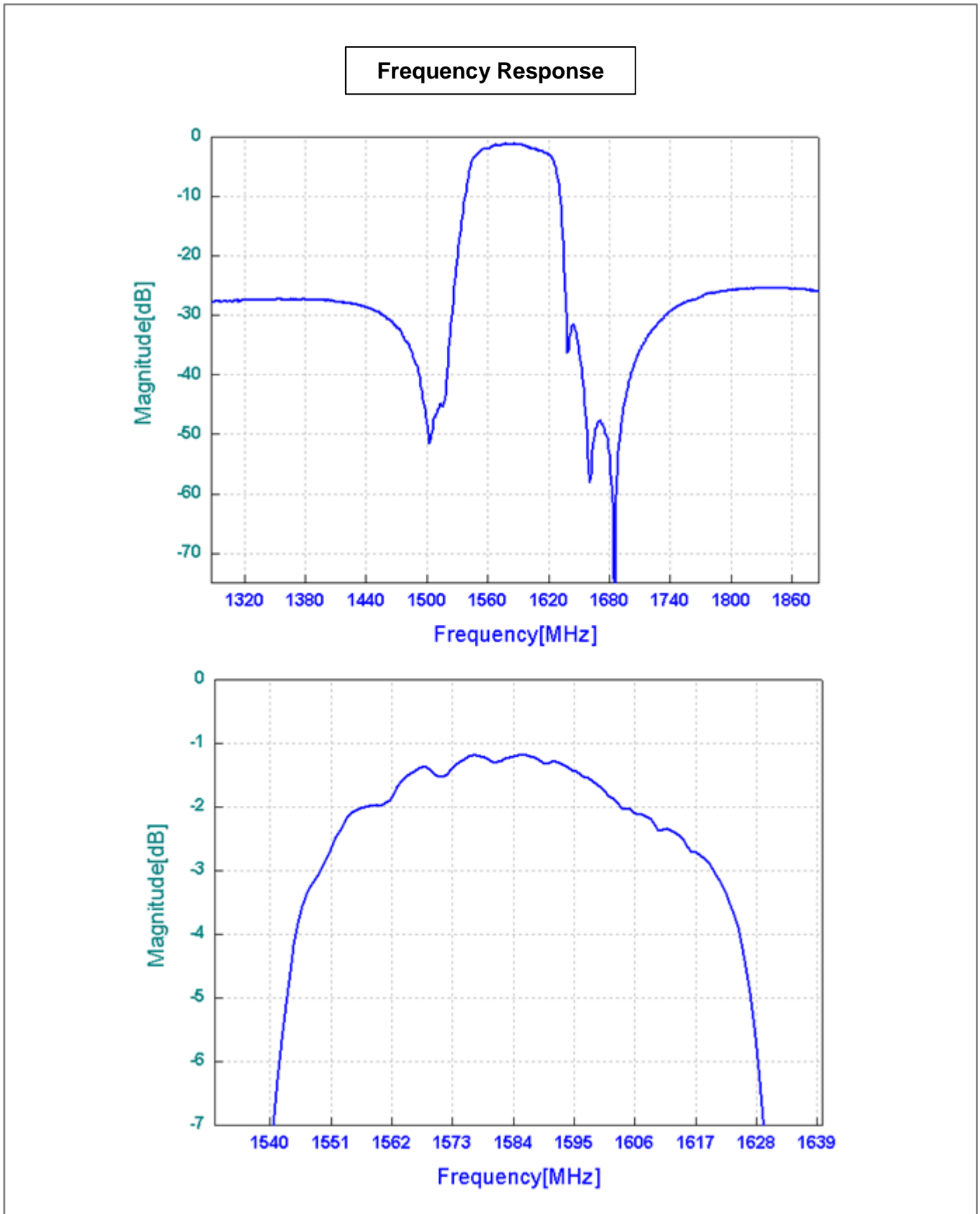
## Package Dimensions



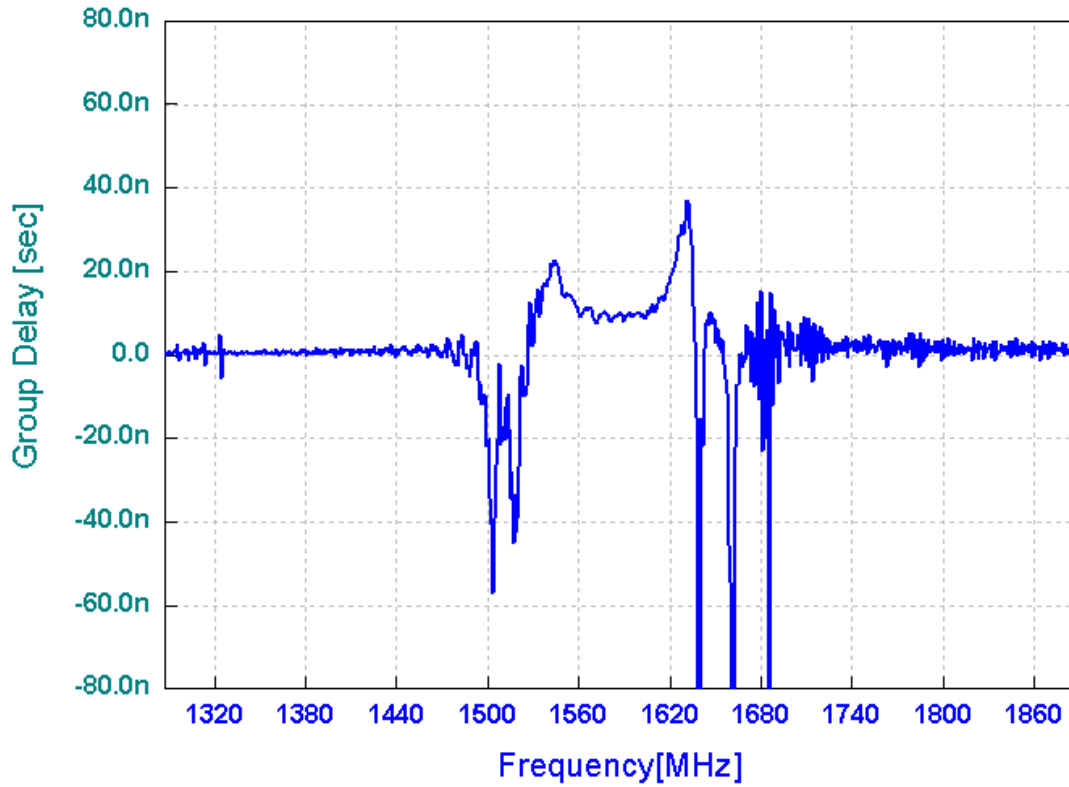
## Testing Environment



## Frequency Characteristics



### Group delay



### Smith Chart

