

- EGSM, RF SAW Filter
- Revision 0 : April 2011

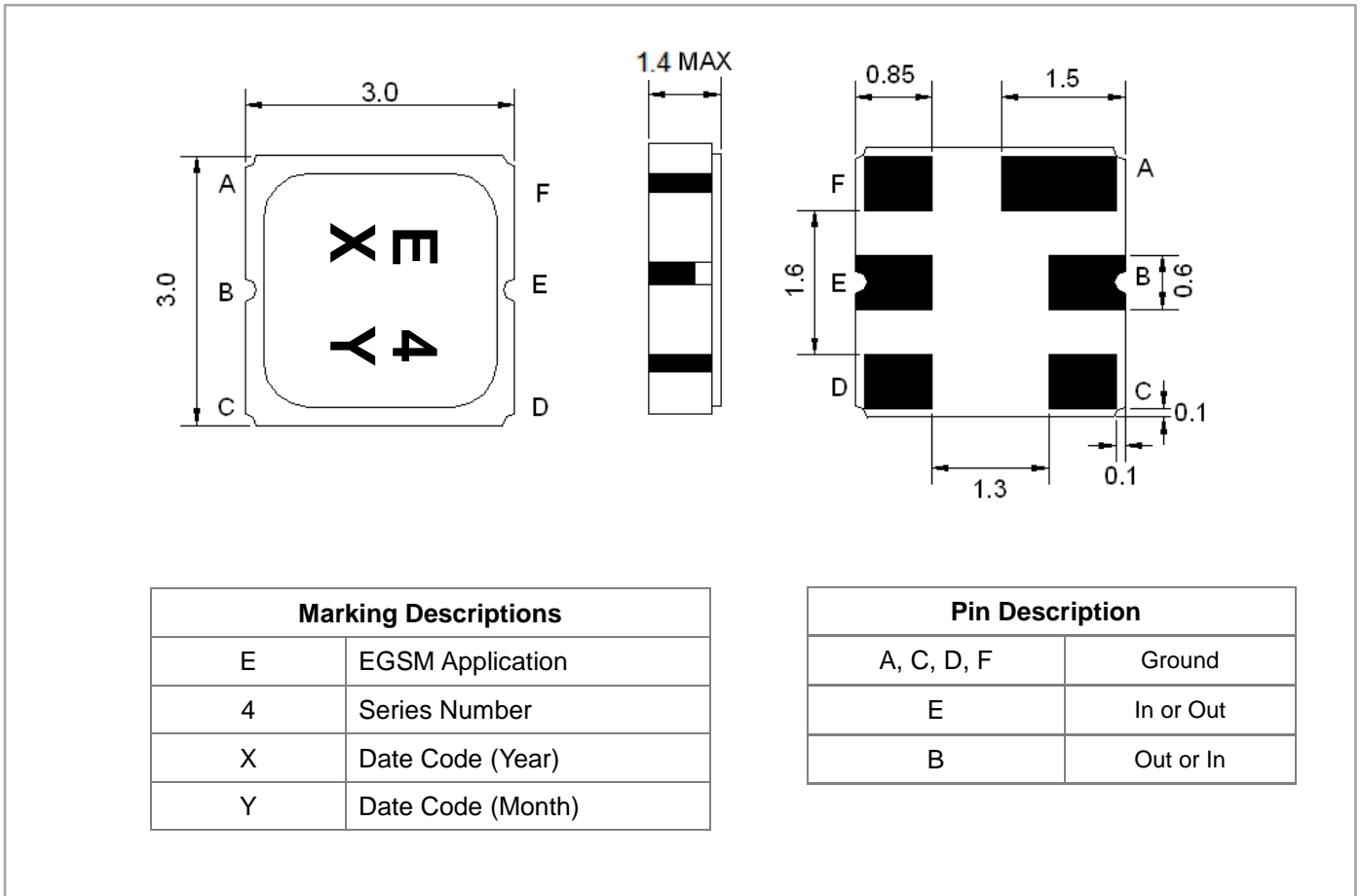
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	0	-	+50
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	15
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	M			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

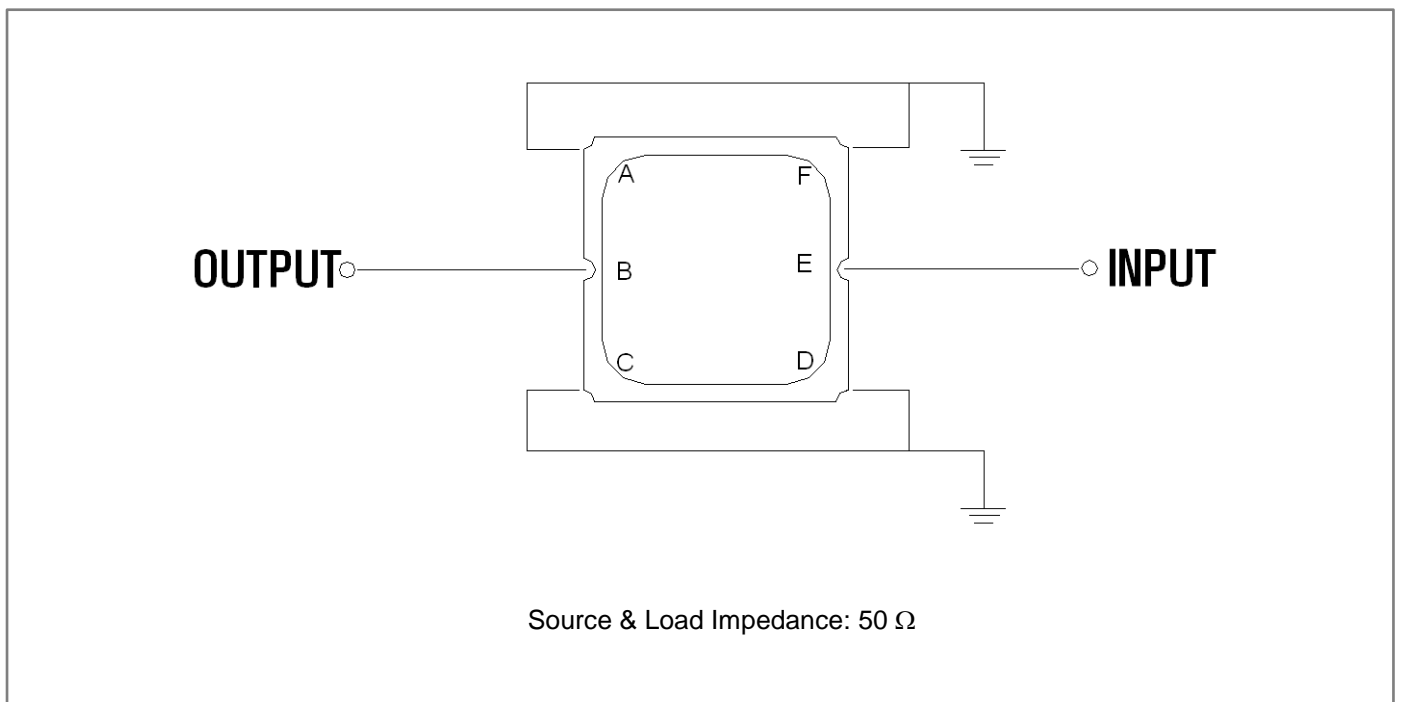
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	897.5	-
Insertion Loss within 880.0 ~ 915.0 MHz	dB	-	2.0	3.5
Amplitude Ripple within 880.0 ~ 915.0 MHz	dB <sub>p-p</sub>	-	1.4	2.0
Return Loss within 880.0 ~ 915.0 MHz	dB	8	9.5	-
<b>Attenuation:</b>				
740.0 ~ 775.0 MHz	dB	20	24	-
1200.0 ~ 3000.0 MHz	dB	15	25	-
20.0 ~ 500.0 MHz	dB	20	25	-
960.0 ~ 985.0 MHz	dB	20	26	-
925.0 ~ 960.0 MHz	dB	25	28	-

**Notes:** (1) No Matching Network

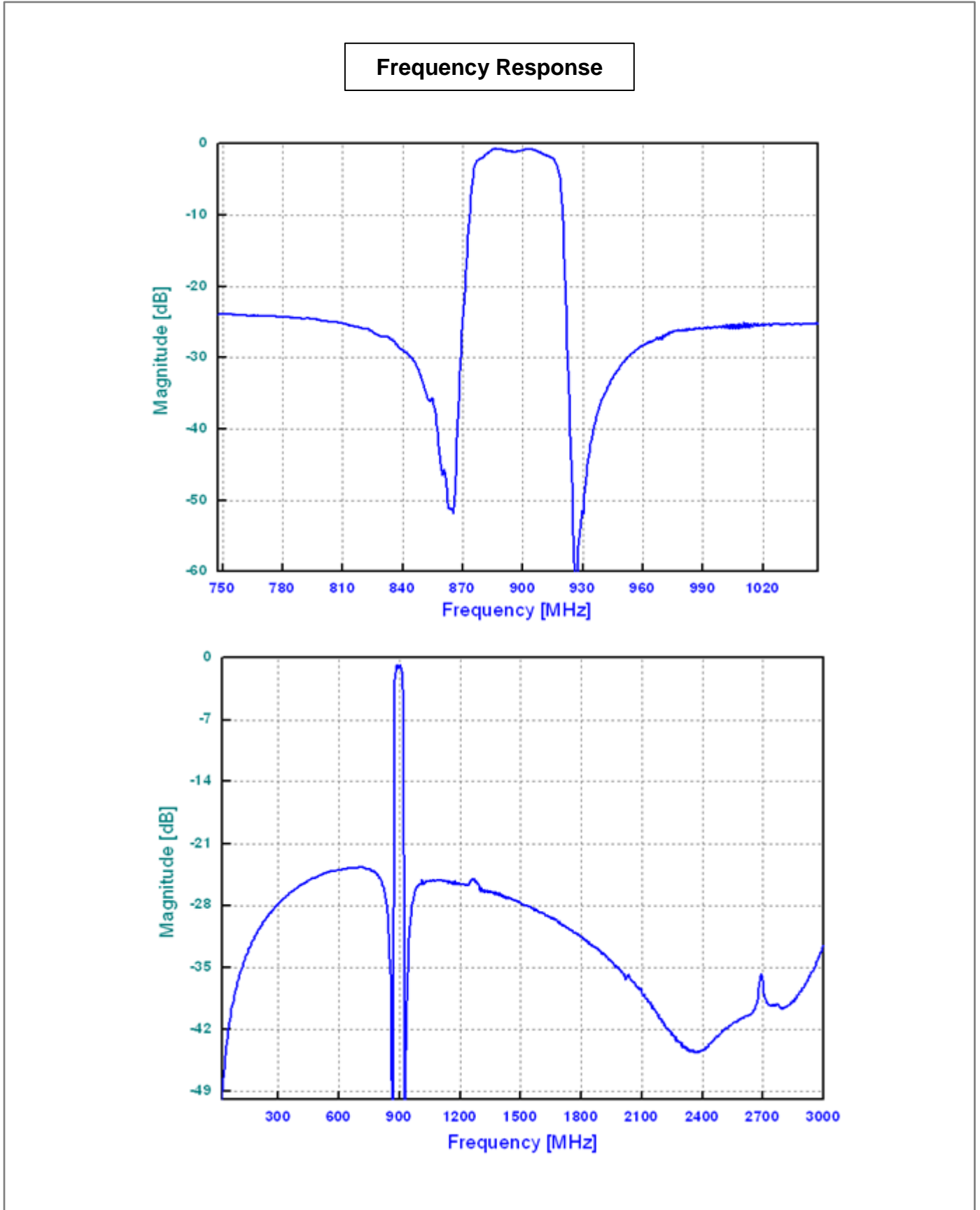
## Package Dimensions



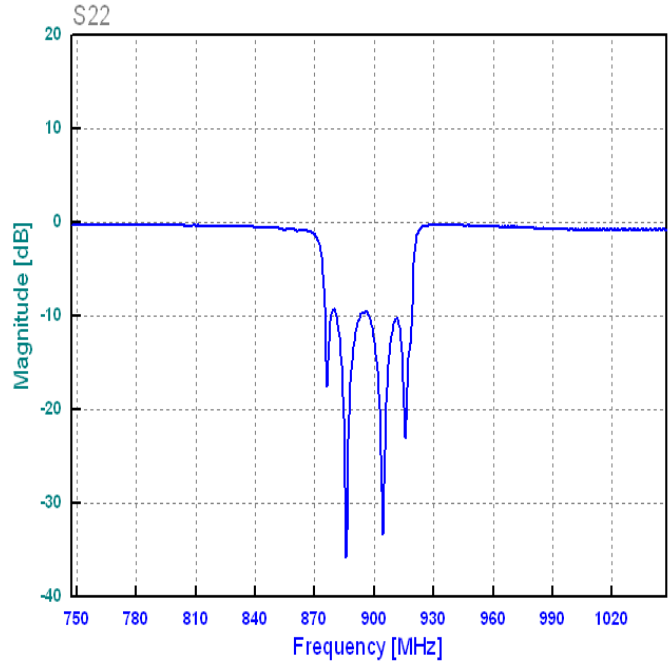
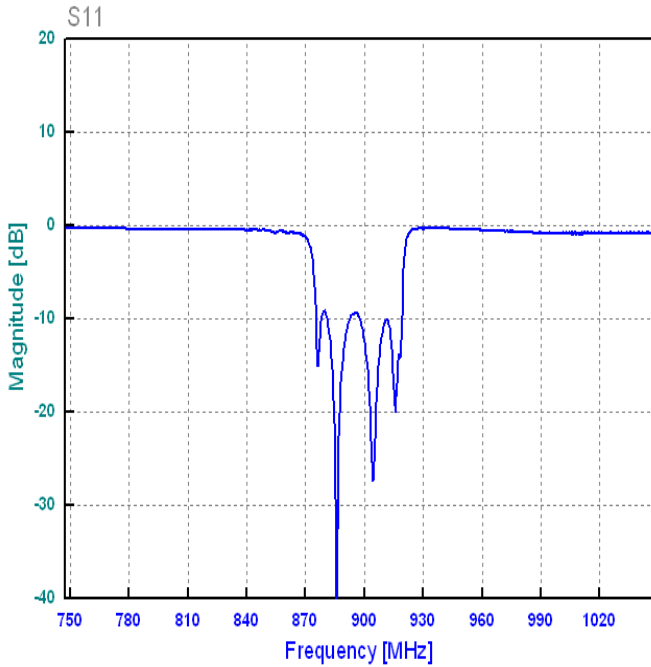
## Testing Environment



## Frequency Characteristics



### Return Loss



### Smith Chart

