

- EGSM, RF SAW Filter
- Revision 1: July 2011

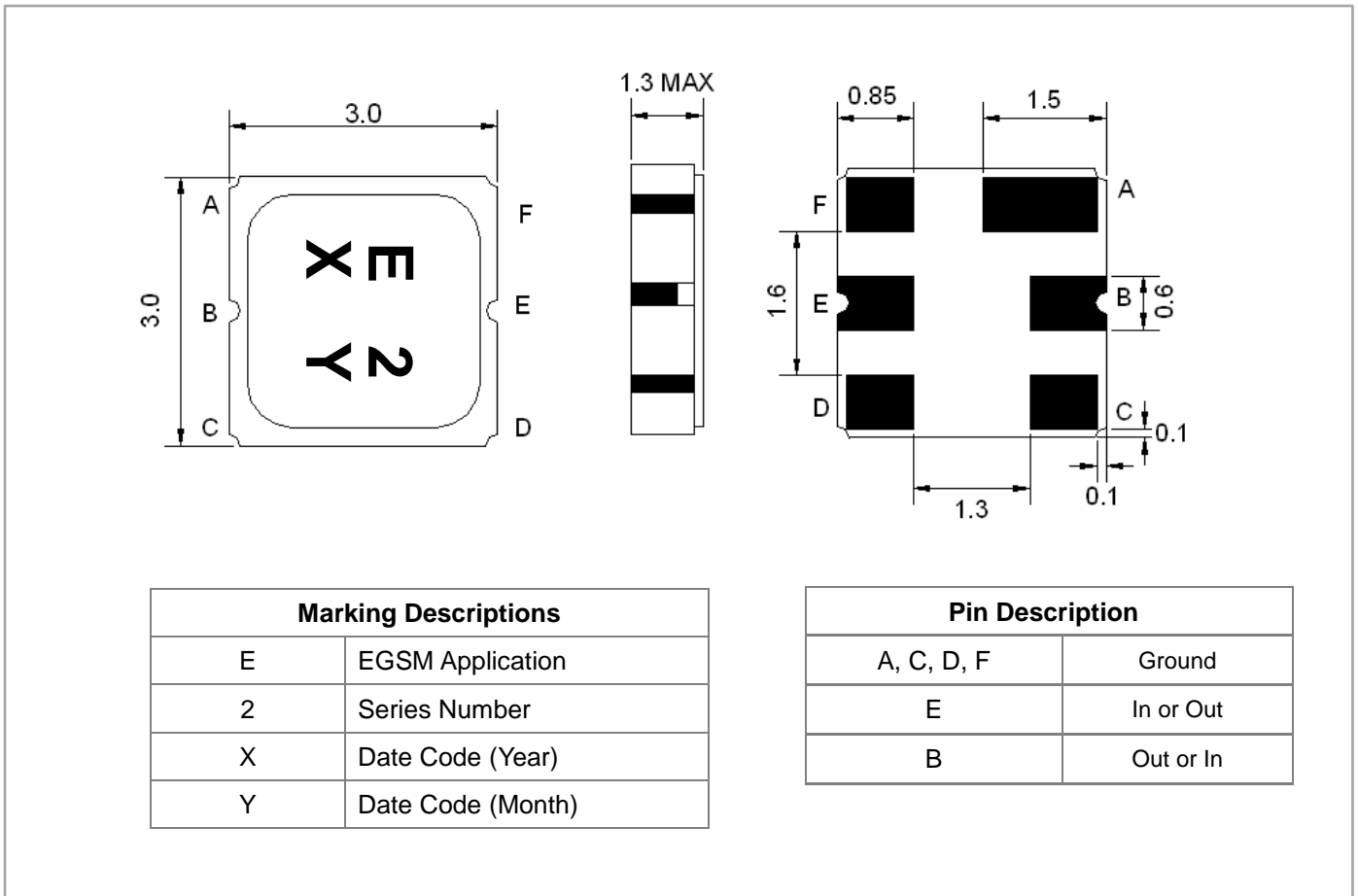
Electrical Characteristics

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	-	-	15
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

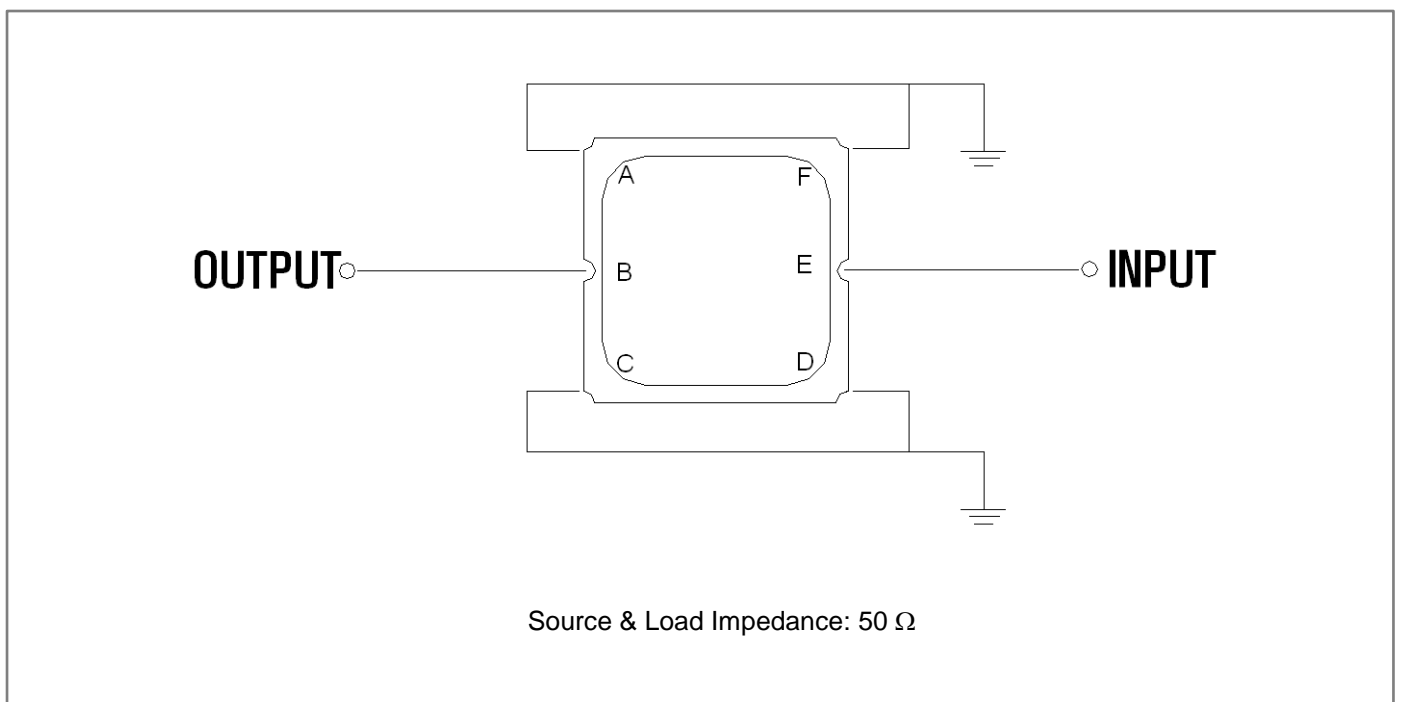
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	942.5	-
Insertion Loss within 925~960MHz	dB	-	2.5	3.0
Amplitude Ripple within 925~960MHz	dB _{p-p}	-	1.25	1.5
Attenuation:				
D.C. ~ 905 MHz	dB	17	23	-
905 ~ 915 MHz	dB	5	15	-
980 ~ 1000 MHz	dB	13	35	-
1000 ~ 2000 MHz	dB	20	25	-
VSWR within 925~960MHz	-	-	1.95	2.7

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

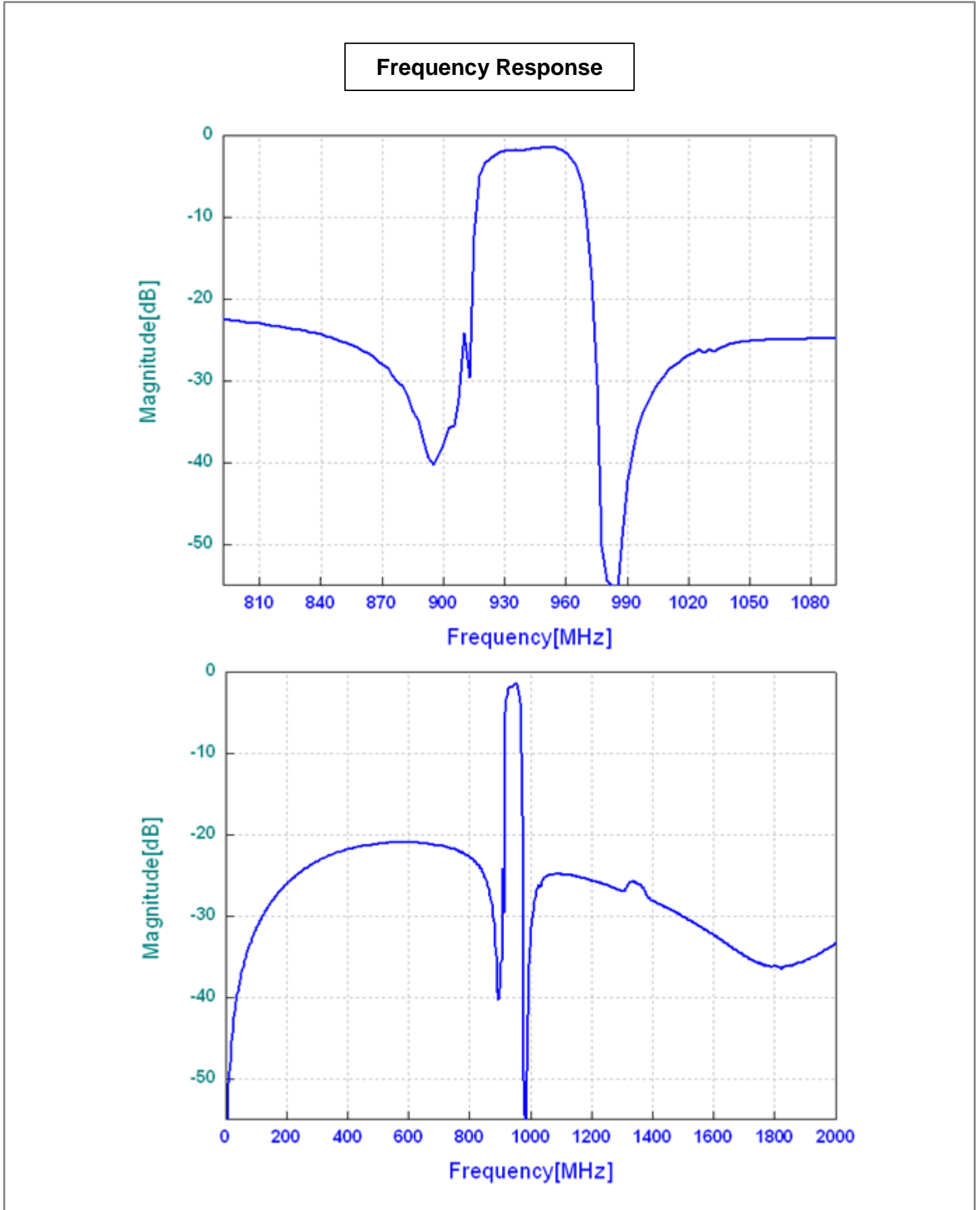
Package Dimensions



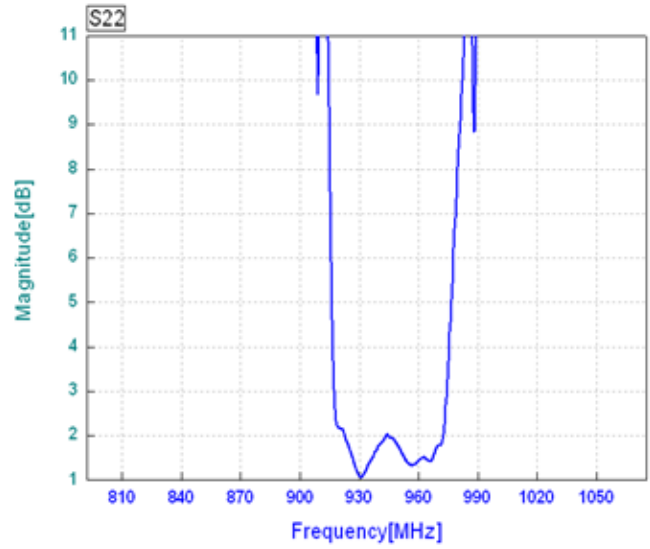
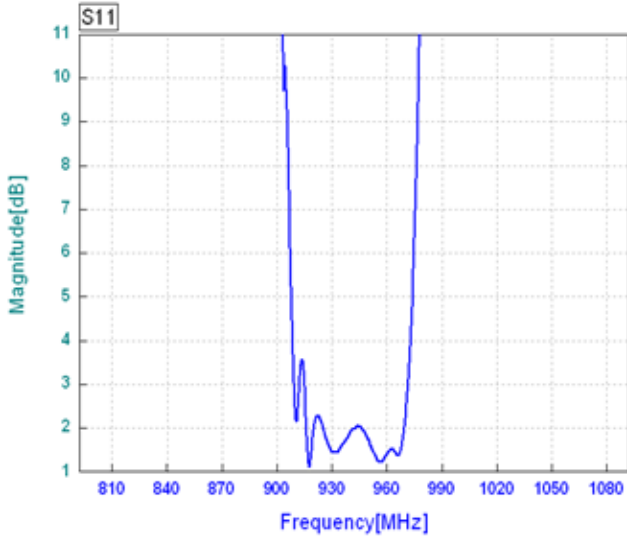
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

