

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

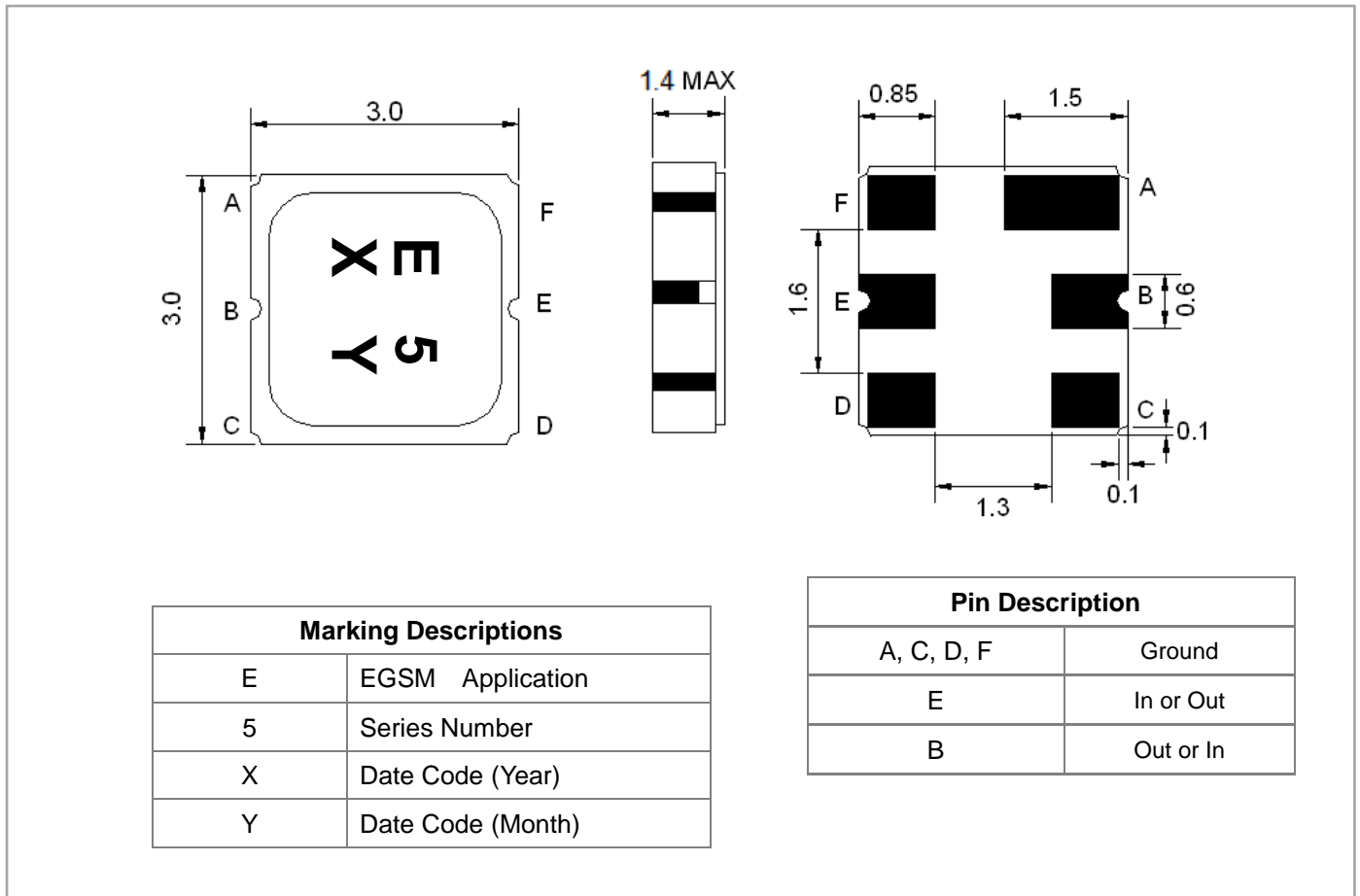
Electrical Characteristics

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) ⁽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

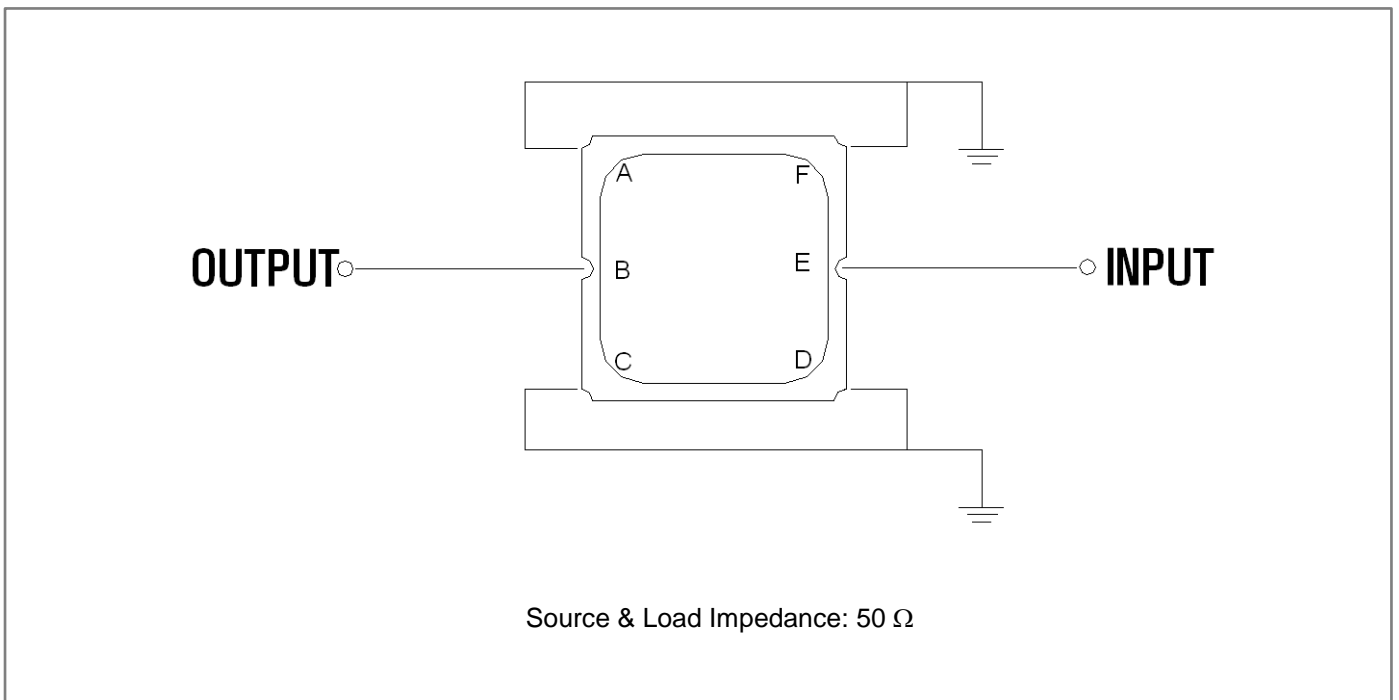
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	942.5	-
Insertion Loss within 925.0 ~ 960.0 MHz	dB	-	2.0	3.5
Amplitude Ripple within 925.0 ~ 960.0 MHz	dB _{p-p}	-	1.4	2.0
Return Loss within 925.0 ~ 960.0 MHz	dB	8	10	-
Attenuation:				
588.0 ~ 623.0 MHz	dB	20	26	-
1200.0 ~ 3000.0 MHz	dB	15	28	-
20.0 ~ 400.0 MHz	dB	20	28	-
1093.5 ~ 1128.5 MHz	dB	20	28	-
880.0 ~ 915.0 MHz	dB	20	26	-

Notes: (1) No Matching Network

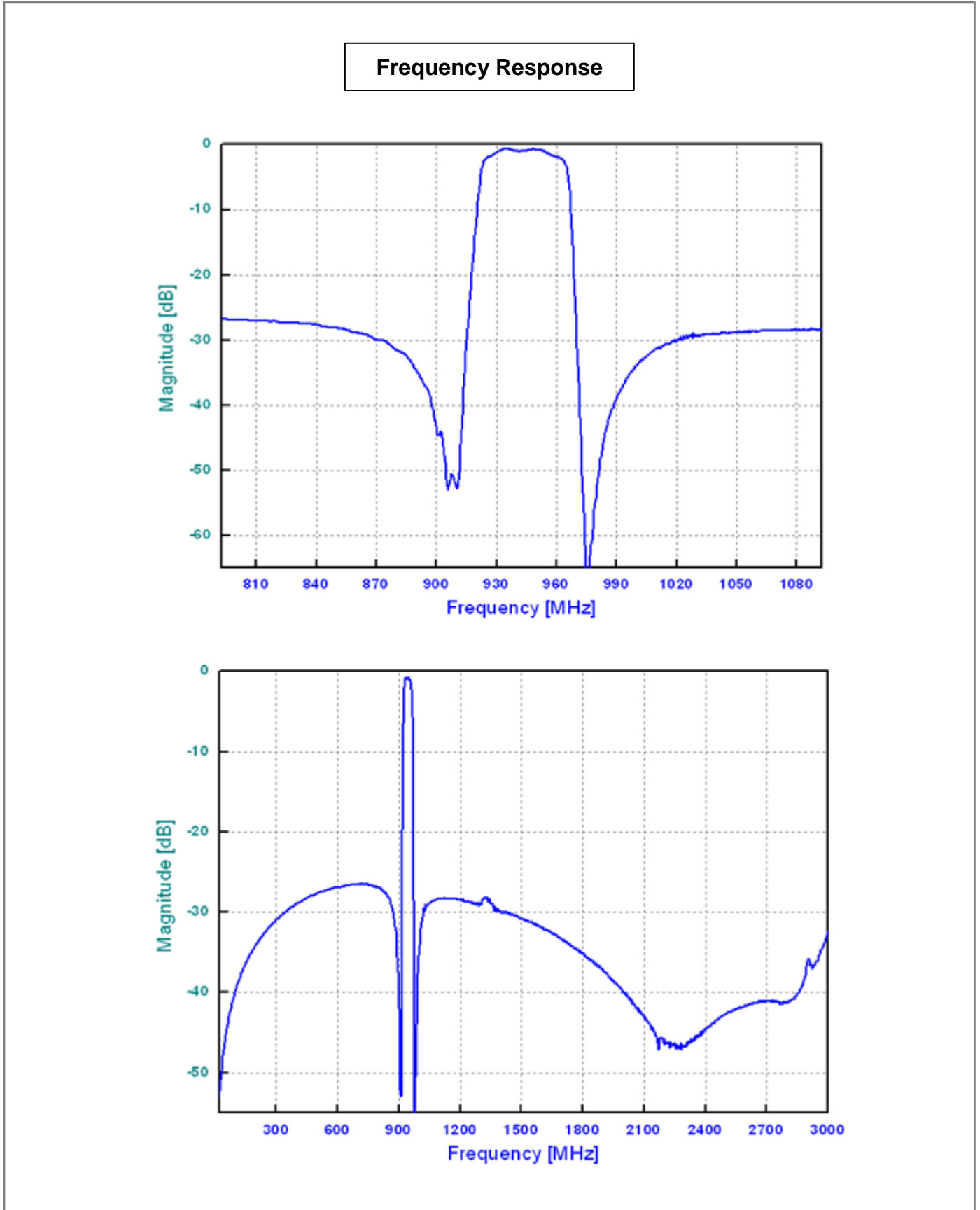
Package Dimensions



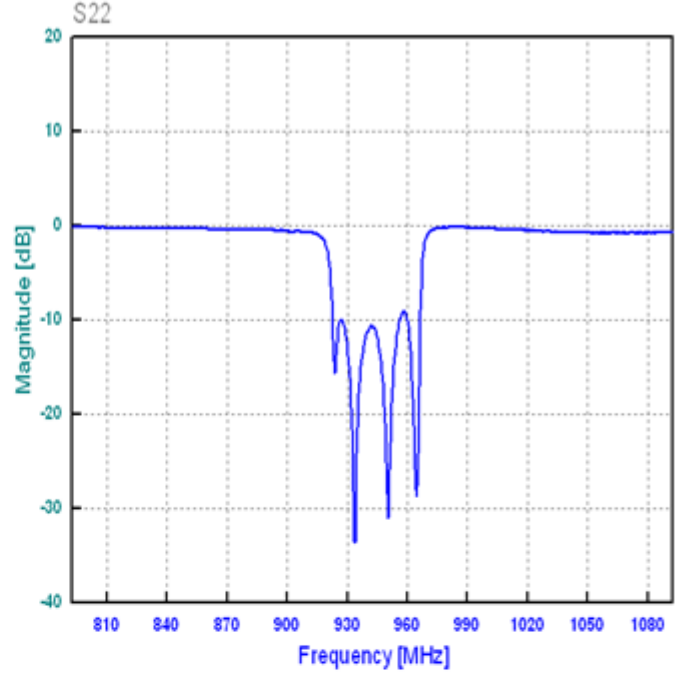
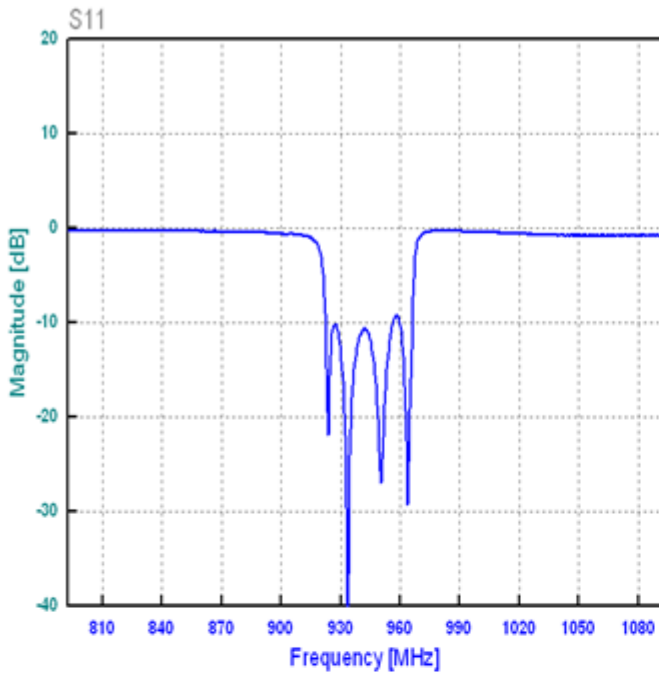
Testing Environment



Frequency Characteristics



Return Loss



Smith chart

