

- GSM, RF SAW Filter
- Revision 0: January 2002

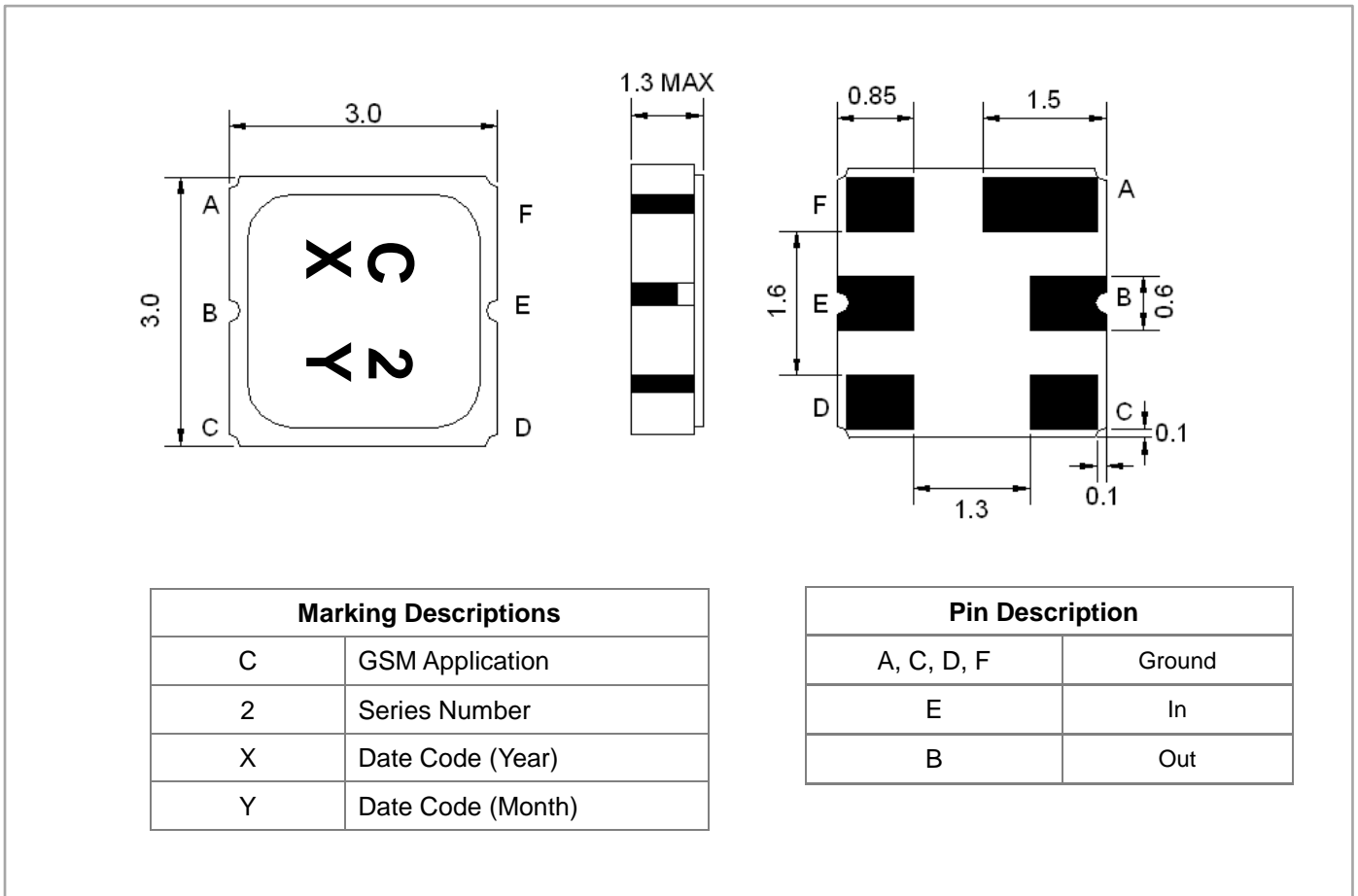
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
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

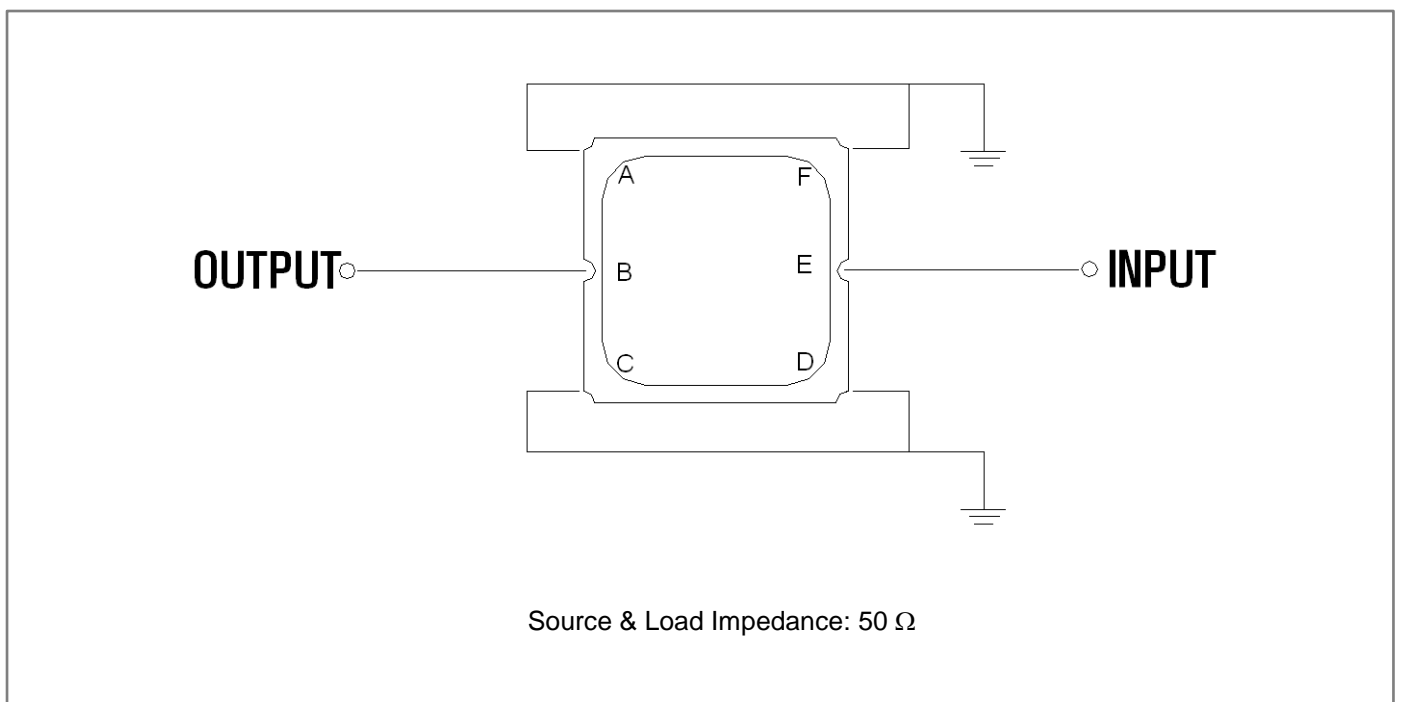
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	947.5	-
Insertion Loss 935~960 MHz	dB	-	2.6	3.5
Amplitude Ripple within 935~960 MHz	dB _{p-p}	-	0.9	1.5
Attenuation:				
D.C. ~ 870 MHz	dB	25	30	-
870 ~ 915 MHz	dB	30	35	-
980 ~ 985 MHz	dB	20	25	-
985 ~ 1025MHz	dB	30	37	-
1025 ~ 1500 MHz	dB	28	34	-
1500 ~ 2000 MHz	dB	30	38	-
VSWR (935~960 MHz)	-	-	2.1	2.5

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

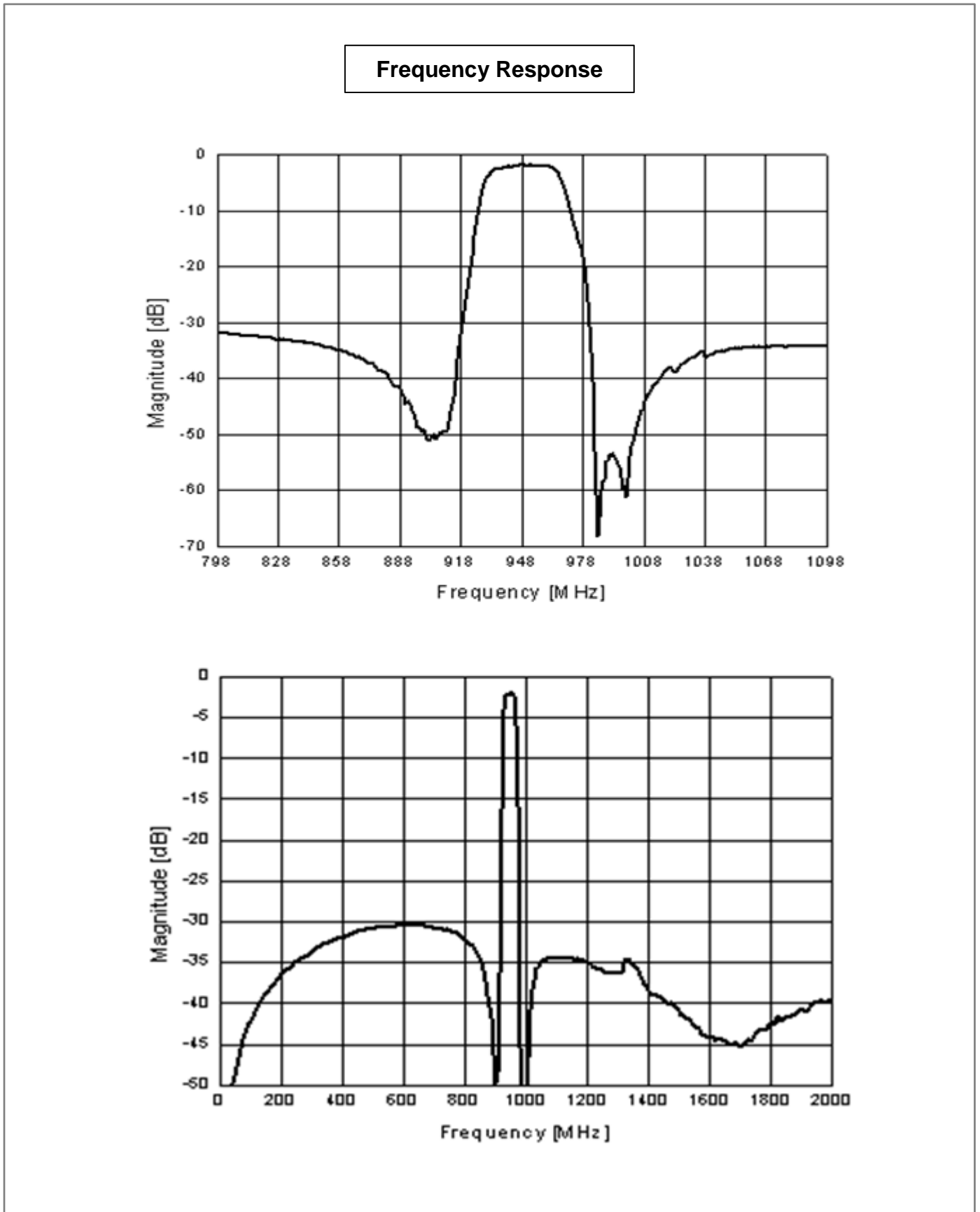
Package Dimensions



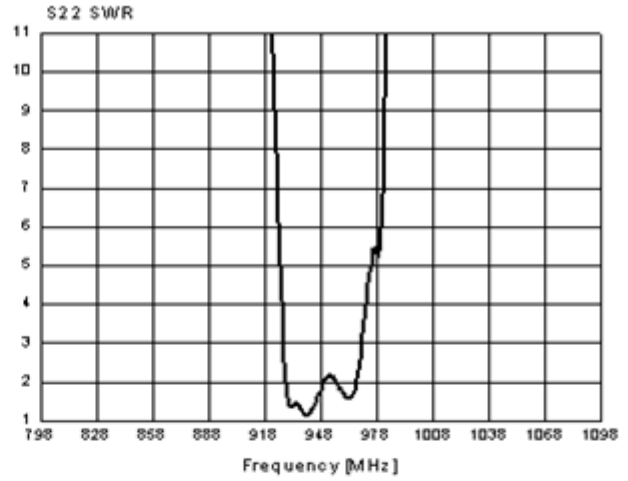
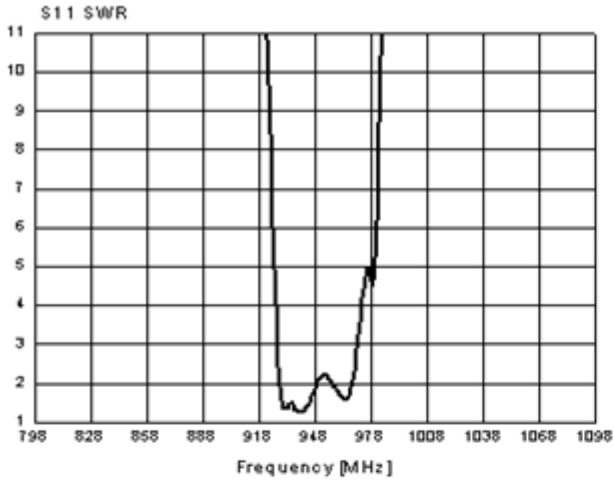
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

