

- RGSM, RF SAW Filter
- Revision 0: January 2010

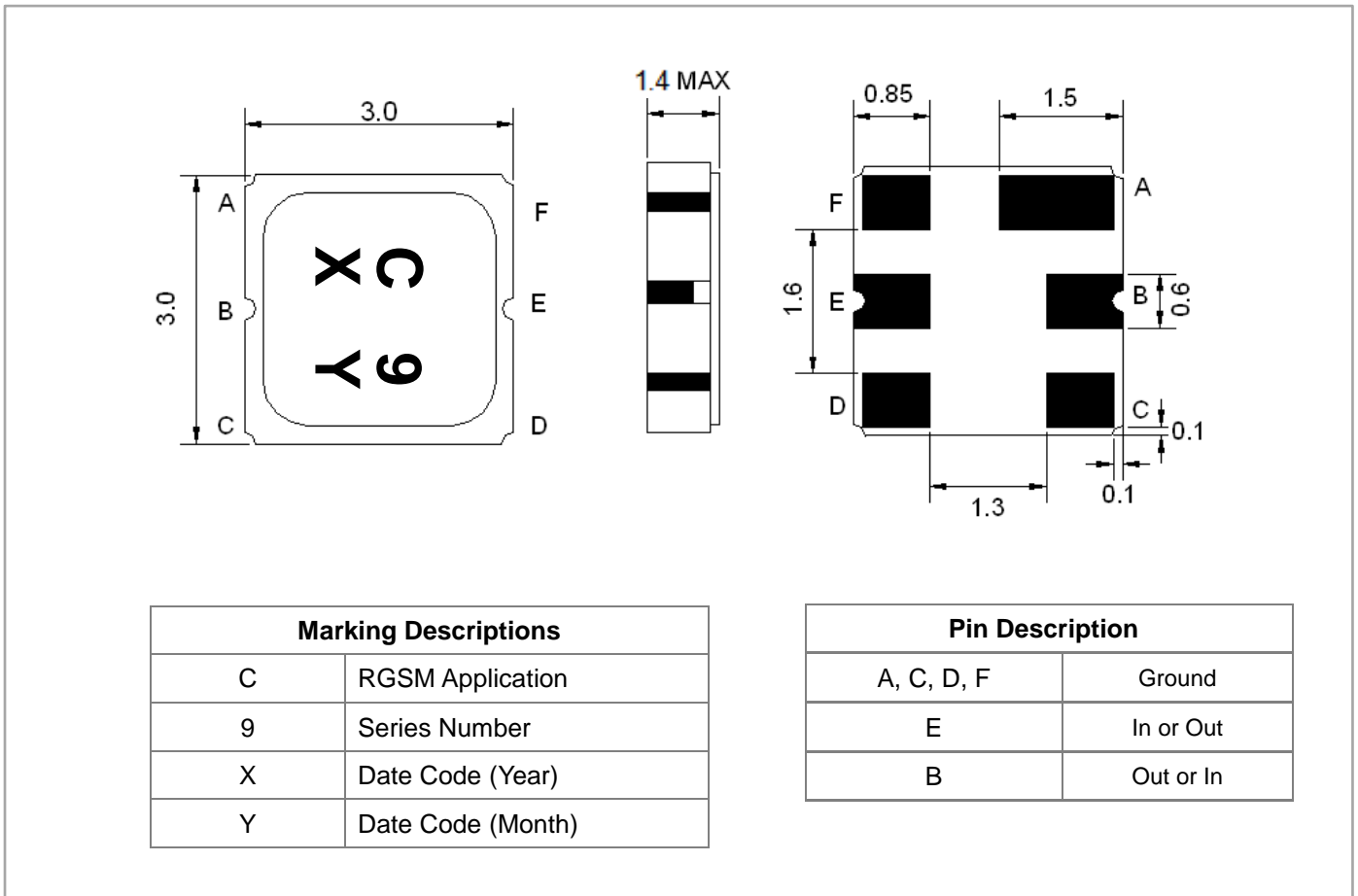
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-20	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	13
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	-	-	1.4

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	940.5	-
Insertion Loss within 921.0 ~ 960.0 MHz	dB	-	3.0	4.5
Amplitude Ripple within 921.0 ~ 960.0 MHz	dB <sub>p-p</sub>	-	1.5	2.9
<b>Attenuation: (Reference level from 0dB)</b>				
0.0 ~ 800.0 MHz	dB	40	65	-
800.0 ~ 878.0 MHz	dB	35	56	-
878.0 ~ 897.0 MHz	dB	25	58	-
892.0 ~ 1005.0 MHz	dB	22	30	-
1005.0 ~ 1035.0 MHz	dB	29	41	-
1035.0 ~ 1500.0 MHz	dB	38	52	-
1500.0 ~ 2300.0 MHz	dB	30	51	-
2300.0 ~ 3000.0 MHz	dB	20	35	-
VSWR within 921.0 ~ 960.0 MHz	-	-	1.8	3.0

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

## Package Dimensions



## Testing Environment

