

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

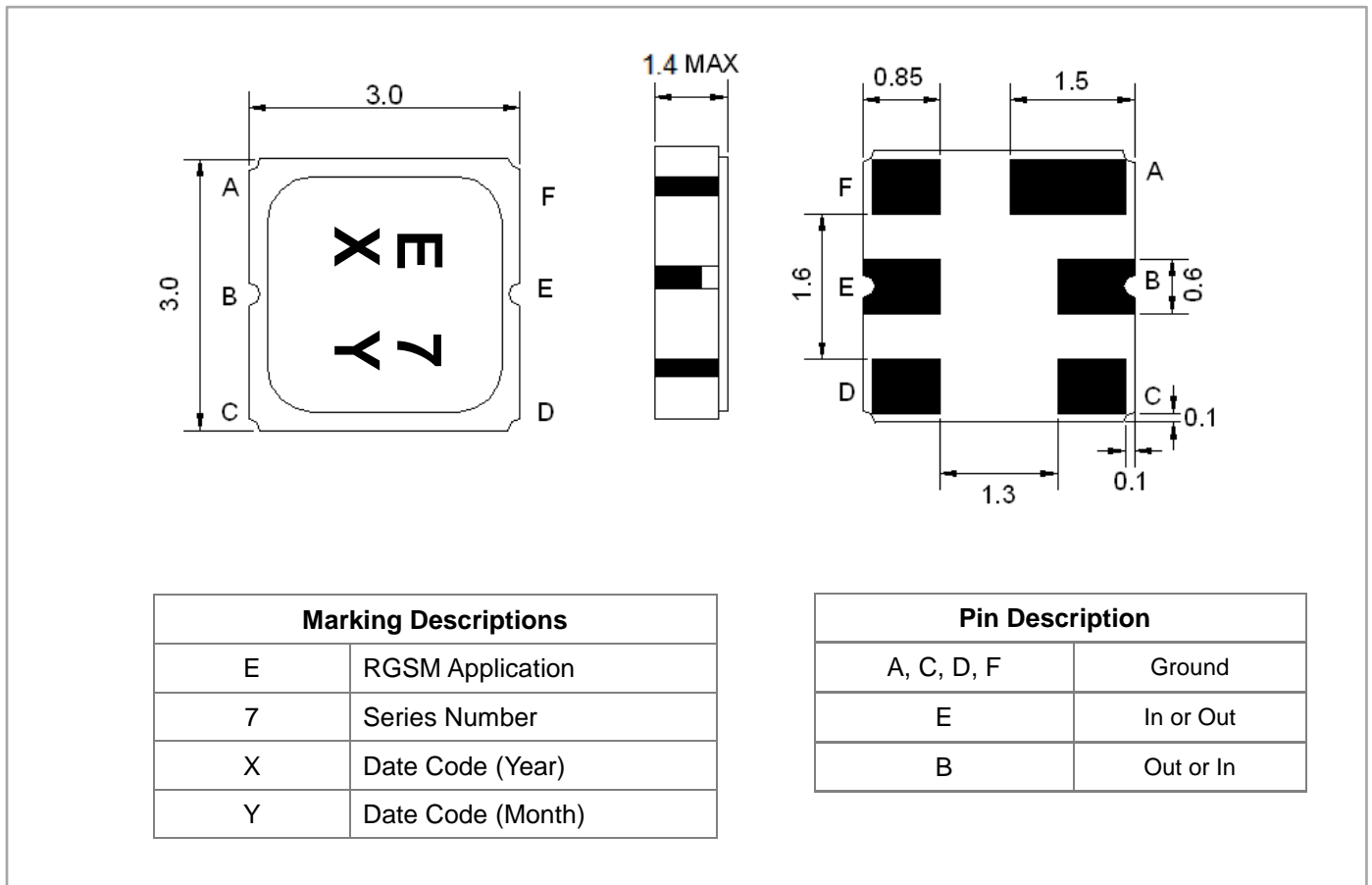
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	10
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	-	-	1.4

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	895.5	-
Max Insertion Loss within 876.0 ~ 915.0 MHz	dB	-	1.4	2.7
Max Insertion Loss at Ambient Temp	dB	-	1	2.2
Amplitude Ripple within 876.0 ~ 915.0 MHz	dB _{p-p}	-	1.8	2.4
Amplitude Ripple at Ambient Temp	dB _{p-p}	-	1.5	2.2
Attenuation: (Reference from 0 dB)				
D.C ~ 856.0 MHz	dB	17	19	-
925.0 ~ 935.0 MHz	dB	4	9	-
925.0 ~ 935.0 MHz at Ambient Temp	dB	6	15	-
935.0 ~ 2000.0 MHz	dB	20	22	-
2000.0 ~ 3000.0 MHz	dB	13	17	-
VSWR within 876.0 ~ 915.0 MHz		-	2.3	3

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

Package Dimensions



Testing Environment

