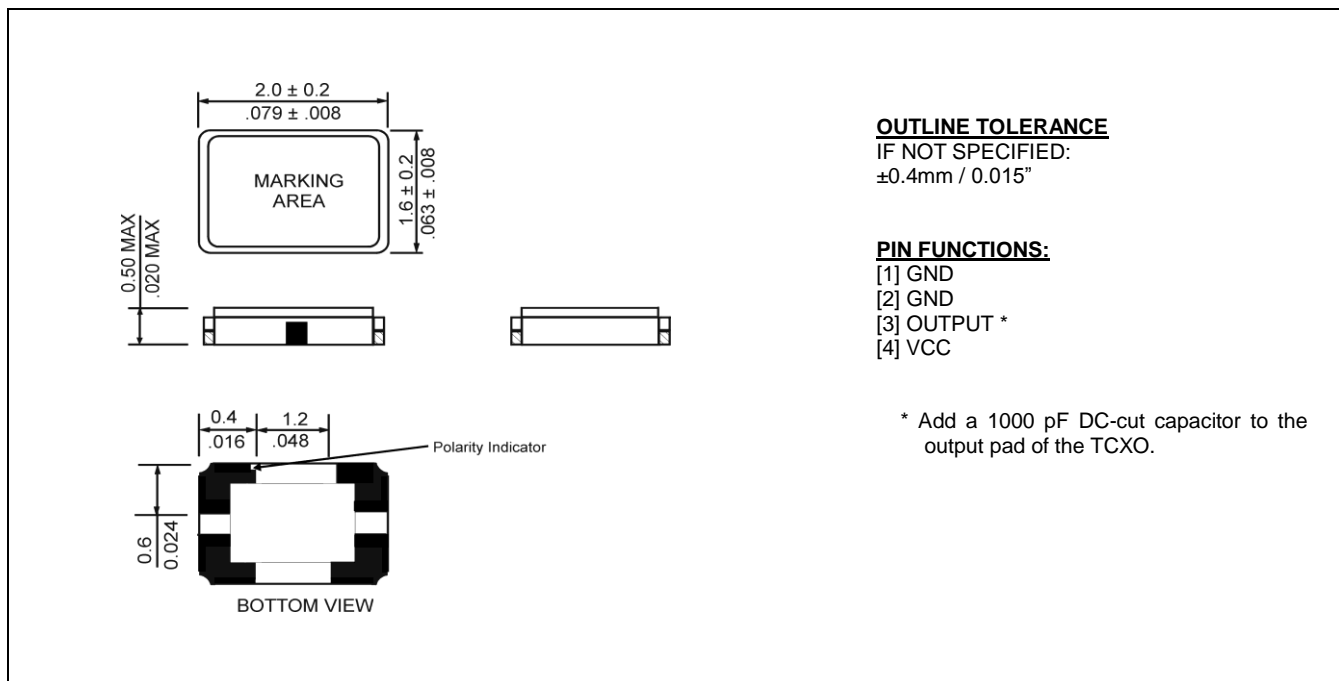


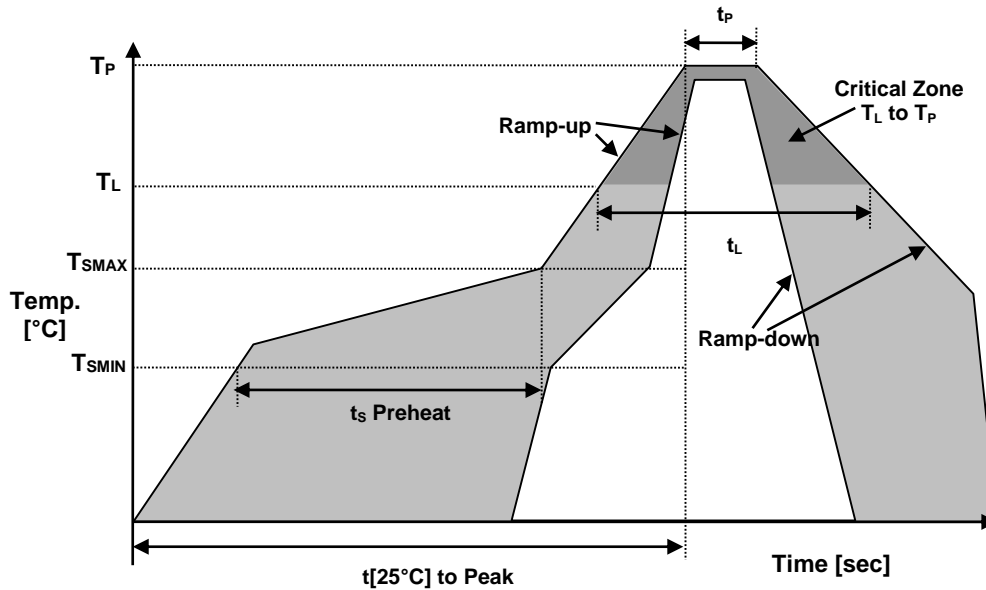
ELECTRICAL SPECIFICATION

PARAMETER	SYMBOL	CONDITIONS	VALUE	UNIT
Nominal Frequency	f_o	$V_{CC} \pm 5\%$	26.000	MHz
Supply voltage, nom.	V_{CC}	$V_{CC} \pm 5\%$	3.3	VDC
Supply current, max	I_s	$V_{CC} \pm 5\%$	1.5	mA
Operating temperature	T_a	-----	-40 ~ +85	°C
Storage temperature	T(stg)	Absolute max	-40 ~ +85	°C
Frequency Stability				
vs. Temperature Max	$\Delta f/f_o(T_a)$	Reference to +25°±2°C (-30 TO +85°C)	±0.5	ppm
vs. Supply Voltage Max	$\Delta f/f_V$	$V_{CC} \pm 5\%$	±0.2	ppm
vs. Load Max	$\Delta f/f_L$	Load ±10%	±0.2	ppm
vs. Aging Max	$\Delta f/f_o(\text{year})$	Per Year at +25°C ± 2°C	±1.0	ppm
Initial Frequency Calibration, Max	f_c	Measured at 25°C, Reference to f_o	±2.0	ppm
Output Level, Clipped Sine Wave	-	10K Ohms // 10 pF ±10%	0.8	V _{P-P}
Start Up Time			2.0	ms
Phase Noise, Max	$\mathcal{E}(\Delta f)$	@ $\Delta f=10$ Hz Offset	-90	dBc/Hz
	$\mathcal{E}(\Delta f)$	@ $\Delta f=100$ Hz Offset	-116	dBc/Hz
	$\mathcal{E}(\Delta f)$	@ $\Delta f=1$ kHz Offset	-139	dBc/Hz
	$\mathcal{E}(\Delta f)$	@ $\Delta f=10$ kHz Offset	-151	dBc/Hz
	$\mathcal{E}(\Delta f)$	@ $\Delta f=100$ kHz Offset	-153	dBc/Hz
	$\mathcal{E}(\Delta f)$	@ $\Delta f=100$ kHz Offset	-154	dBc/Hz

MECHANICAL SPECIFICATION



REFLOW PROFILE



Reflow profile		
Temperature Min Preheat	T_{SMIN}	150°C
Temperature Max Preheat	T_{SMAX}	200°C
Time (T_{SMIN} to T_{SMAX})	t_s	60-180 sec.
Temperature	T_L	217°C
Peak Temperature	T_P	260°C
Ramp-up rate	R_{UP}	3°C/sec max.
Ramp-down rate	R_{DOWN}	6°C/sec max.
Time within 5°C of Peak Temperature	t_p	10 sec.
Time $t_{[25^\circ\text{C}]}$ to Peak Temperature	$t_{[25^\circ\text{C}]}$ to Peak	480 sec.
Time	t_L	60-150 sec.

ENVIRONMENTAL

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
REACH-SVHC	COMPLIANT
RoHS2	6/6 LEAD FREE
TERMINATION FINISH	Au



MARKING

Rx260
•AD3yw

x – Internal Production ID code
y – Year code
w – Week code

YEAR CODE	
Year	Code
2011	1
2012	2
2013	3
2014	4
2015	5
2016	6
2017	7
2018	8
2019	9

ALPHA WEEK CODE TABLE					
Week	Code	Week	Code	Week	Code
1	a	19	s	37	K
2	b	20	t	38	L
3	c	21	u	39	M
4	d	22	v	40	N
5	e	23	w	41	O
6	f	24	x	42	P
7	g	25	y	43	Q
8	h	26	z	44	R
9	i	27	A	45	S
10	j	28	B	46	T
11	k	29	C	47	U
12	l	30	D	48	V
13	m	31	E	49	W
14	n	32	F	50	X
15	o	33	G	51	Y
16	p	34	H	52	Z
17	q	35	I		
18	r	36	J		

APPROVAL

Drawn By:	KJackson, May 12, 2016
Approved By:	KJackson, May 12, 2016
Revision:	A, Initial Release