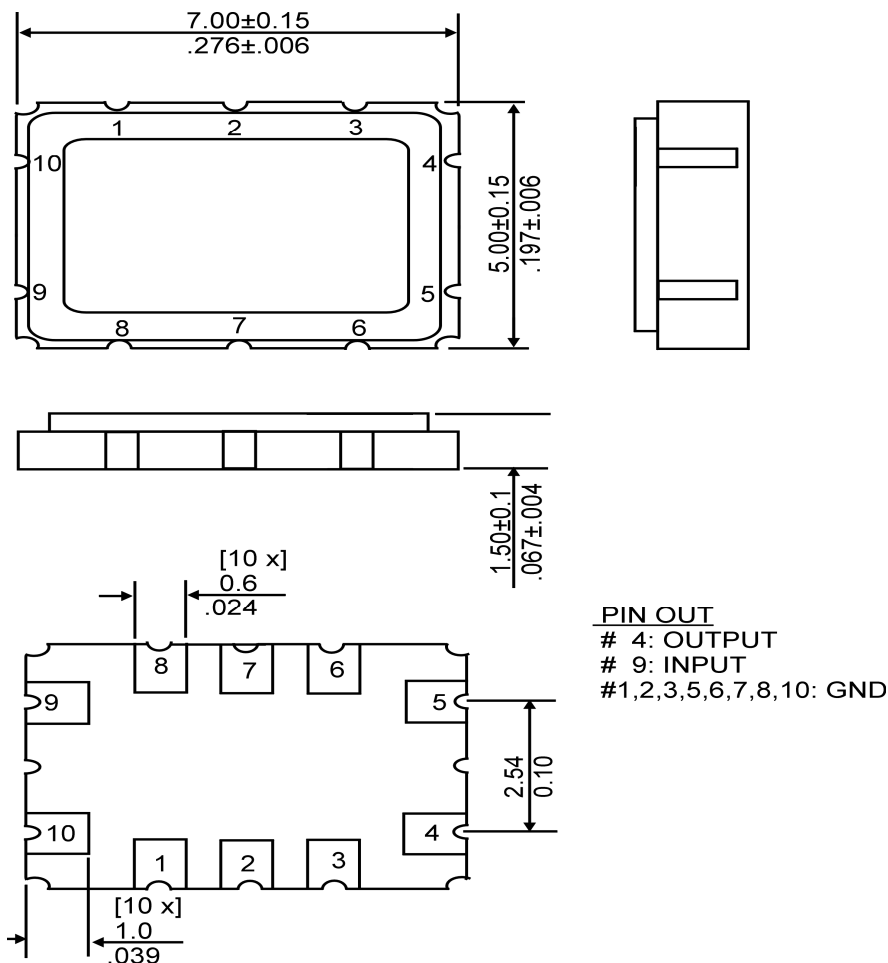
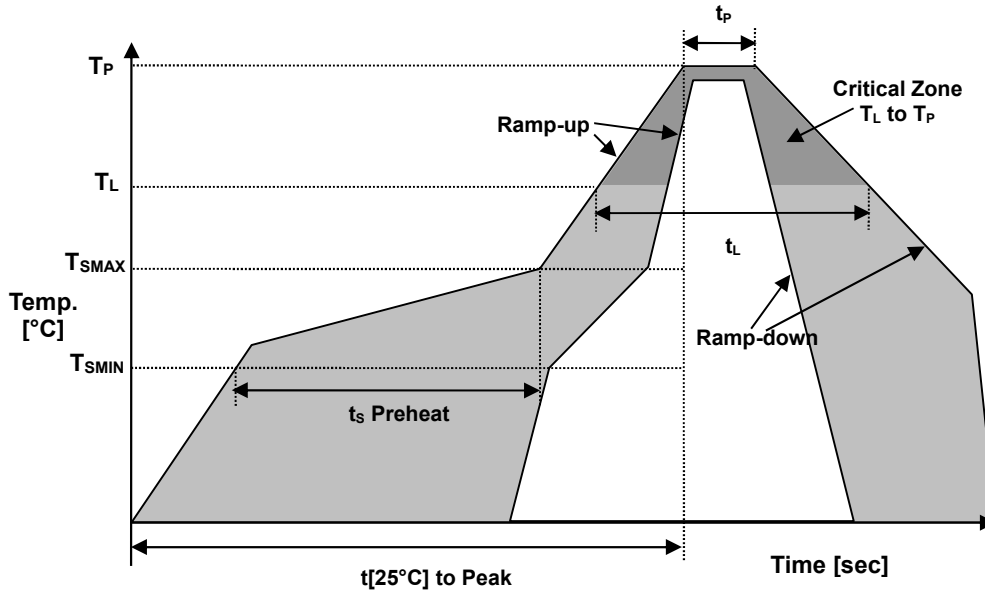


Items	Specification	Unit	
Center frequency (Fc)	246.000	MHz	
Bandwidth	200	KHz	
Insertion Loss in BW	5.0	dB max	
3dB Bandwidth, typical	215	KHz	
Group Delay Variation (In Fc ± 50 KHz)	1.2	ns p-p max	
Group Delay Variation (In Fc ± 70 KHz)	1.5	ns p-p max	
Group Delay Variation (In Fc ± 100 KHz)	2.5	ns p-p max	
Attenuation	Fc ± 330 KHz	18	dB min
	Fc ± 400 KHz	25	dB min
	Fc ± 600 KHz	40	dB min
	Fc ± 800 KHz ~ Fc ± 20 MHz	40	dB min
In/Out Impedance	50 Ω		
Input power Maximum	10 dBm		
Temperature Coefficient of Frequency	-0.032 ppm/°C <sup>2</sup>		
Operation Temperature	-40°C to +85°C		
Storage Temperature	-40°C to +85°C		

**Dimension**



● **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 $t_{[25^\circ C]}$ to Peak Temperature	$t_{[25^\circ C]}$ to Peak	480 sec.
Time	$t_L$	60-150 sec.

**Environmental**

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
REACH – SVHC	Compliant
RoHS 2	6/6



April 2016

