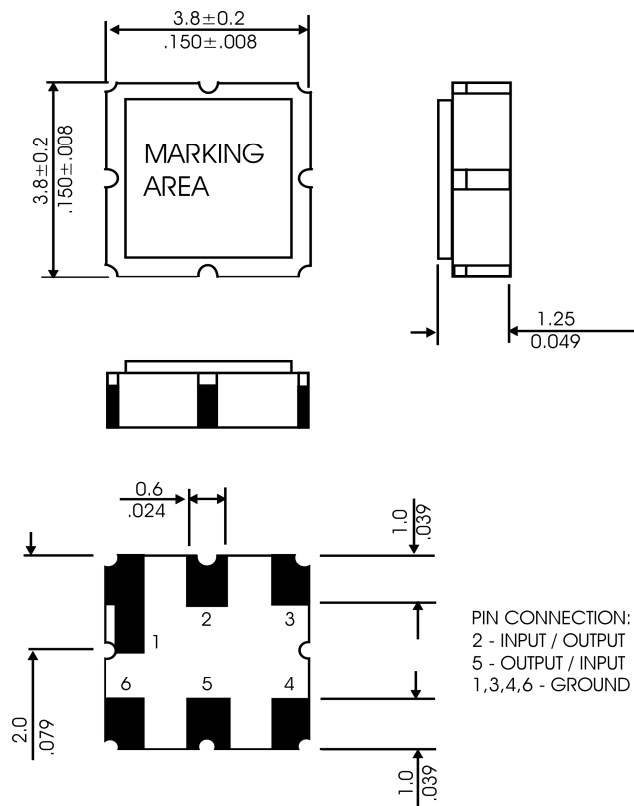
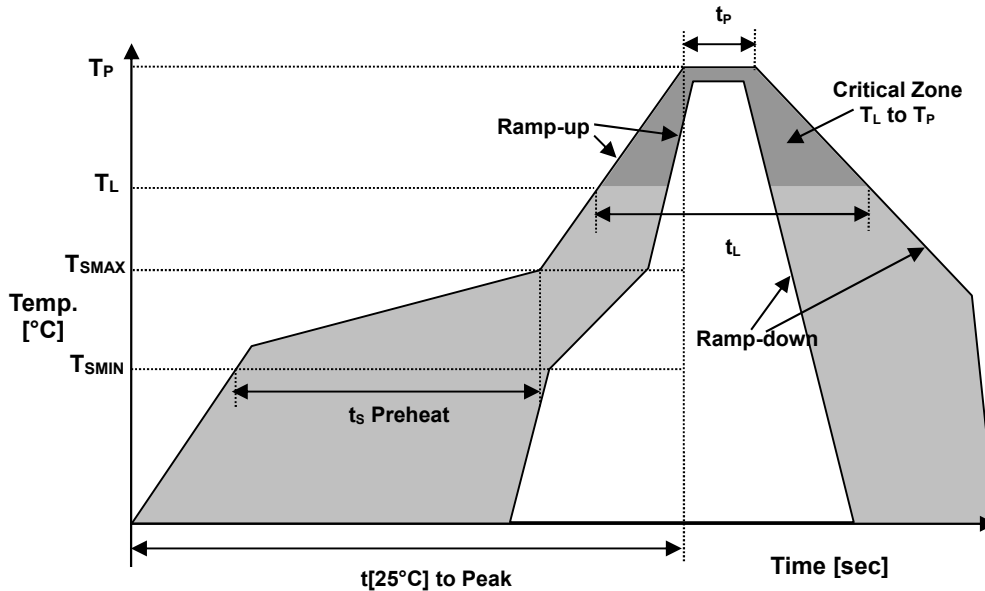


Items	Specification	Unit	
Center frequency (Fc)	246.000	MHz	
Bandwidth	100	KHz	
Insertion Loss in BW	5.0	dB max	
3 dB Bandwidth, typical	200	KHz	
Absolute Delay, typical	200	nsec	
Group Delay Variation (Fc ±50 KHz)	1.2	nsec p-p	
Group Delay Variation (Fc ±70 KHz)	1.5	nsec p-p	
Group Delay Variation (Fc ±100 KHz)	2.5	nsec p-p	
Relative 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 ²		
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 $t[25^\circ\text{C}]$ 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
RoHS 2	6/6

April 2016

