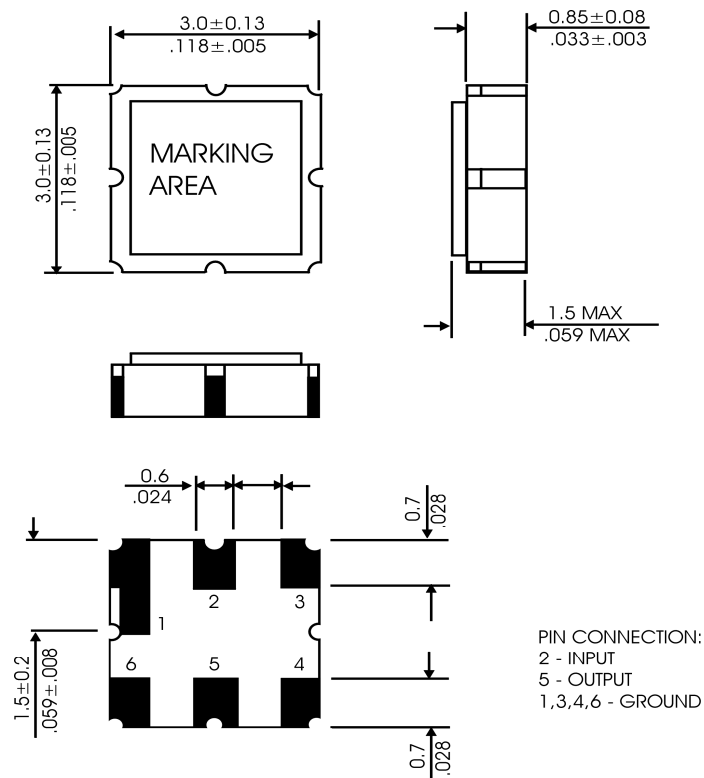
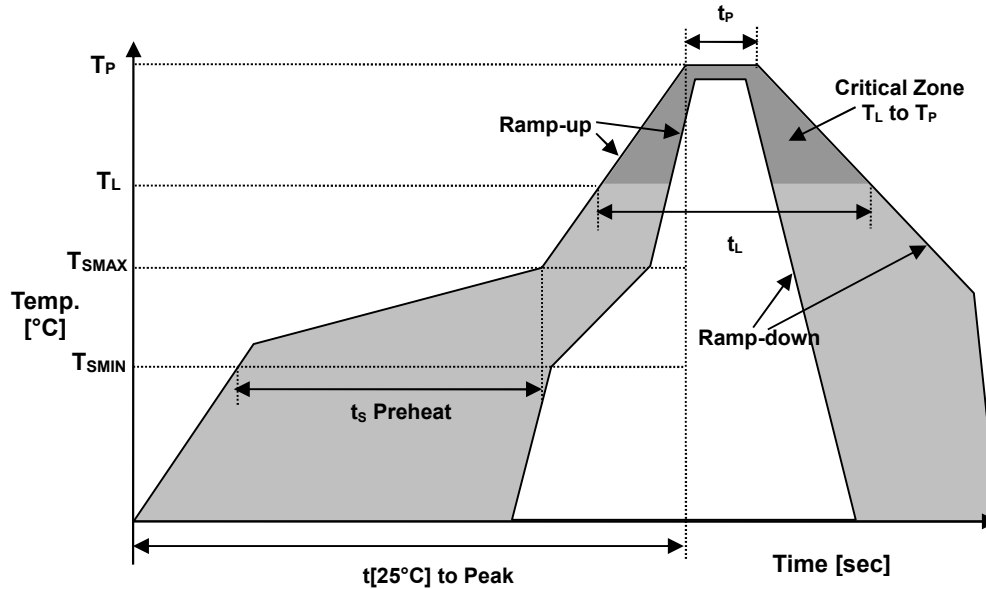


Items		Specification	Unit
Center frequency (Fo)		944.000	MHz
Bandwidth		35000	KHz
Insertion Loss in BW		3.0	dB Max
Amplitude Variation in BW		1.0	dB Max
Group Delay Variation in BW		50	ns Max
VSWR in BW		2.0	--
Absolute Attenuation	DC ~ 895 MHz	50	dB min
	895 MHz ~ 910 MHz	30	dB min
	990 MHz ~ 1020 MHz	35	dB min
	1020 MHz ~ 1050 MHz	40	dB min
	1050 MHz ~ 1210 MHz	50	dB min
	1210 MHz ~ 1800 MHz	48	dB min
	1800 MHz ~ 2000 MHz	42	dB min
	2000 MHz ~ 2600 MHz	32	dB min
2600 MHz ~ 3000 MHz	28	dB min	
RF Power		+20 dBm Max	
DC Voltage		12 V Max	
In/Out Impedance		50 Ω	
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