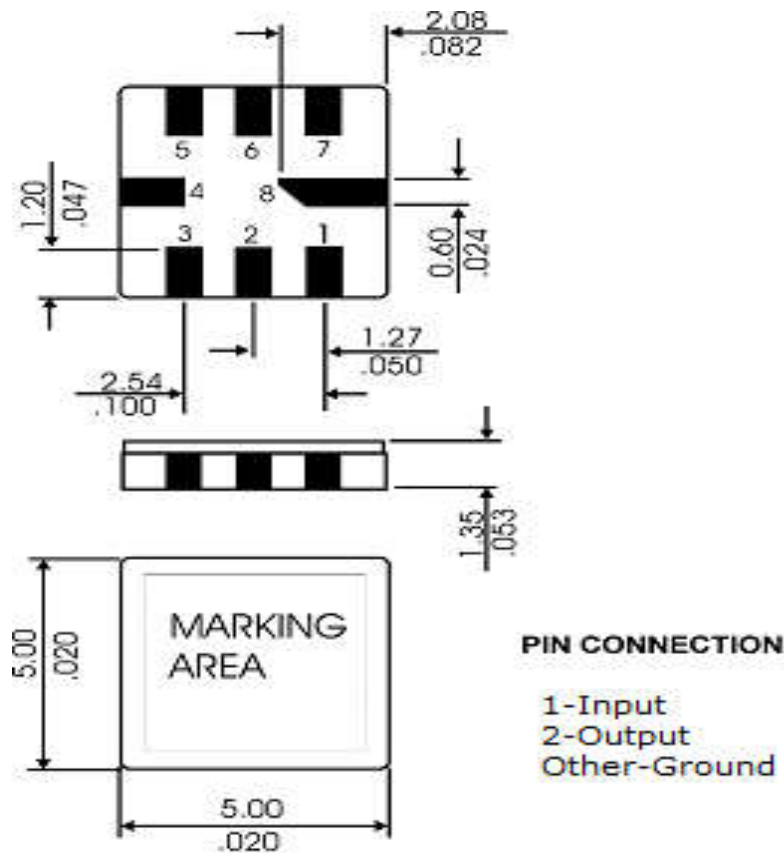
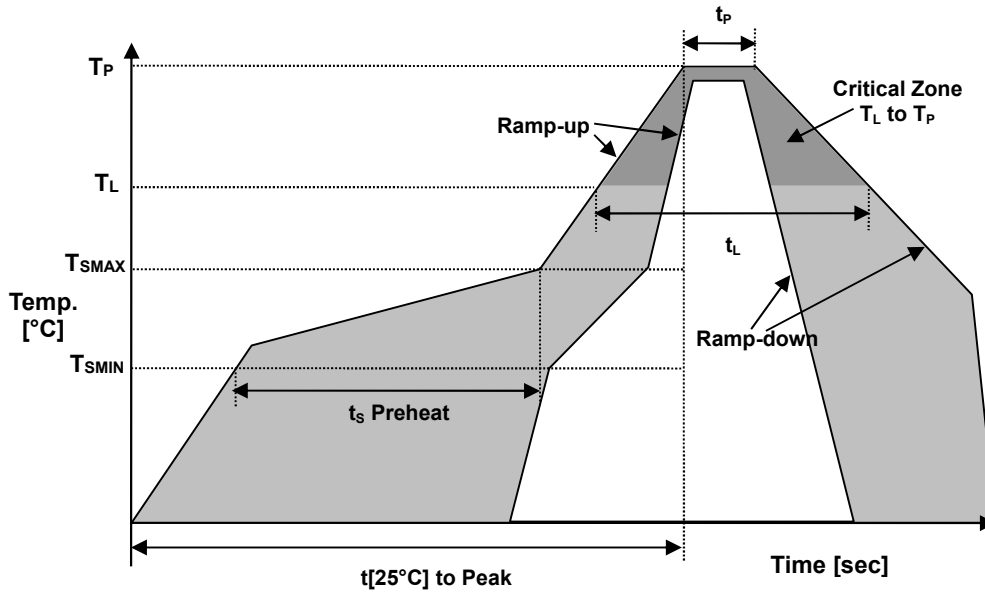


Items		Specification	Unit
Center frequency (Fc)		868.000	MHz
3 dB Bandwidth		1.200	MHz
Insertion Loss in BW, typ/max		4.5/6.0	dB
Passband Ripple, max		±1.0	dB
Temperature Stability	Turnover Temperature, max	40	°C
	Turnover Frequency	868.000	MHz
	Temperature Coefficient	0.032	ppm/°C ²
Frequency Aging, first year, max		±10	ppm
Attenuation	846.600 MHz min/typ	30/40	dB
	857.300 MHz min/typ	15/30	dB
	Ultimate, typ	60	dB
DC Voltage		30	V
RF Power, max		+13	dBm
Operation Temperature		-40 to +85	°C
Storage Temperature		-40 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