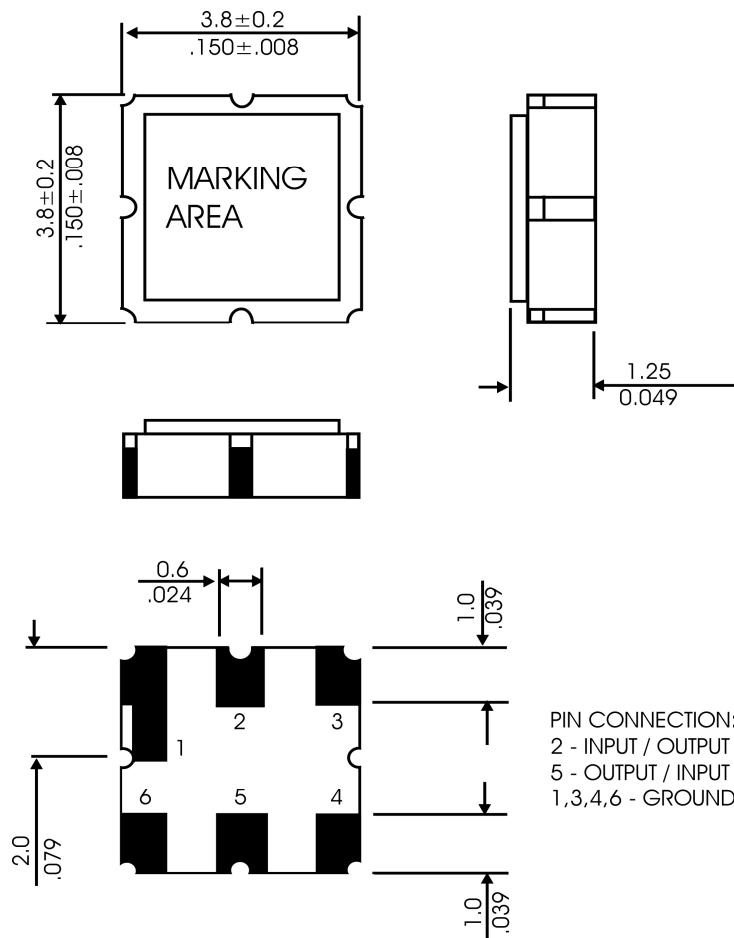
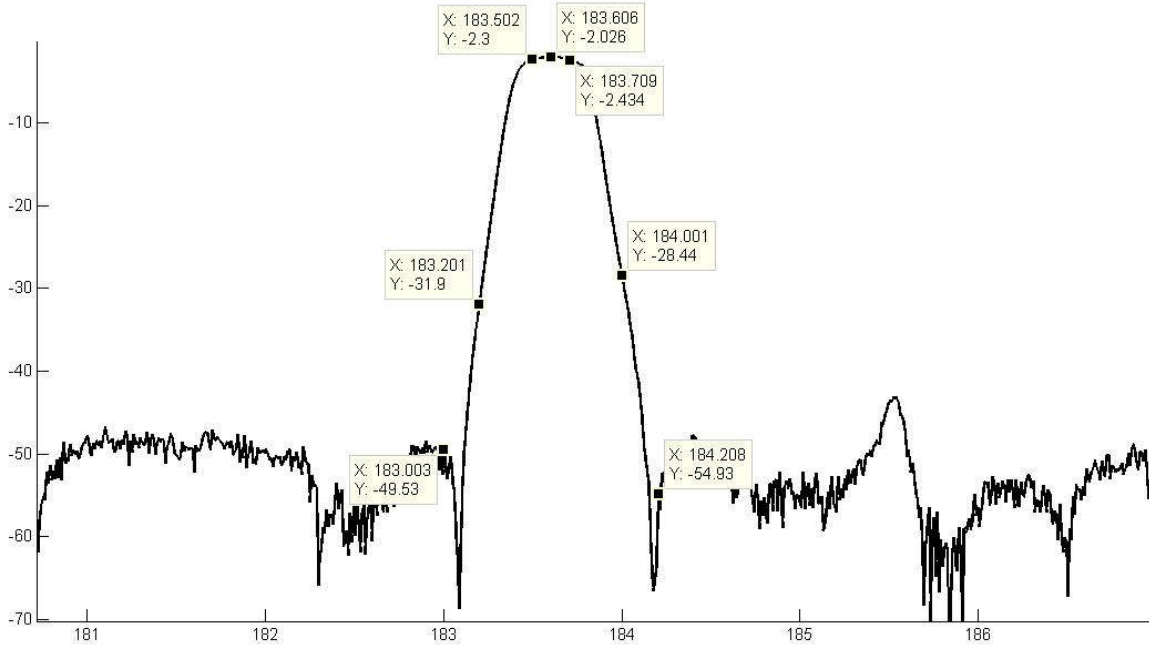


Items	Specification	Unit
Center frequency(Fo)	183.600	MHz
Bandwidth	100	kHz
Insertion Loss in BW, typ/max	2.5 / 3.5	dB
Amplitude Ripple in BW, typ/max	0.5 / 1.0	dB
-1dB Bandwidth, min/typ	100 / 320	kHz
Attenuation min/typ	F ₀ ± 400kHz	-20 / -30
	F ₀ ± 600kHz	-40 / -50
	F ₀ ± 4.140kHz	-40 / -50
Input power, max	10	dBm
Operation Temperature	-40 to +85	°C
Storage Temperature	-45 to +85	°C

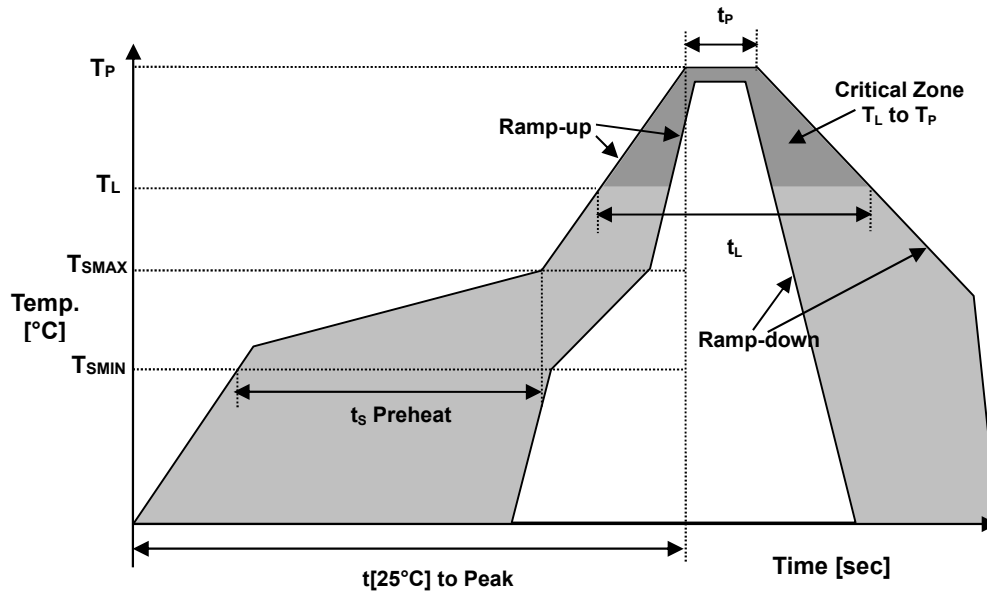
Dimension



Frequency Characteristics



● **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