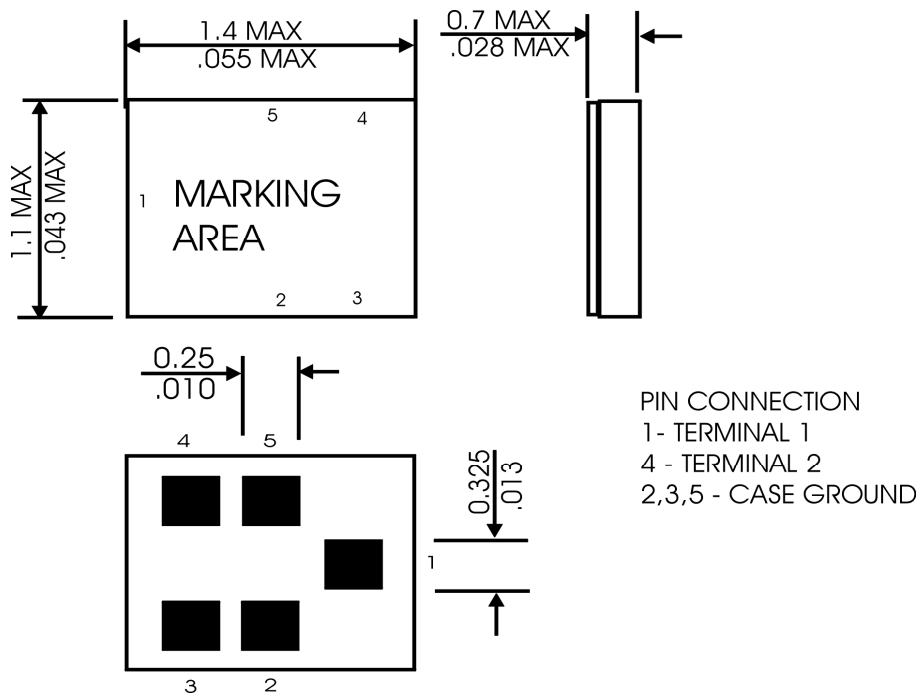
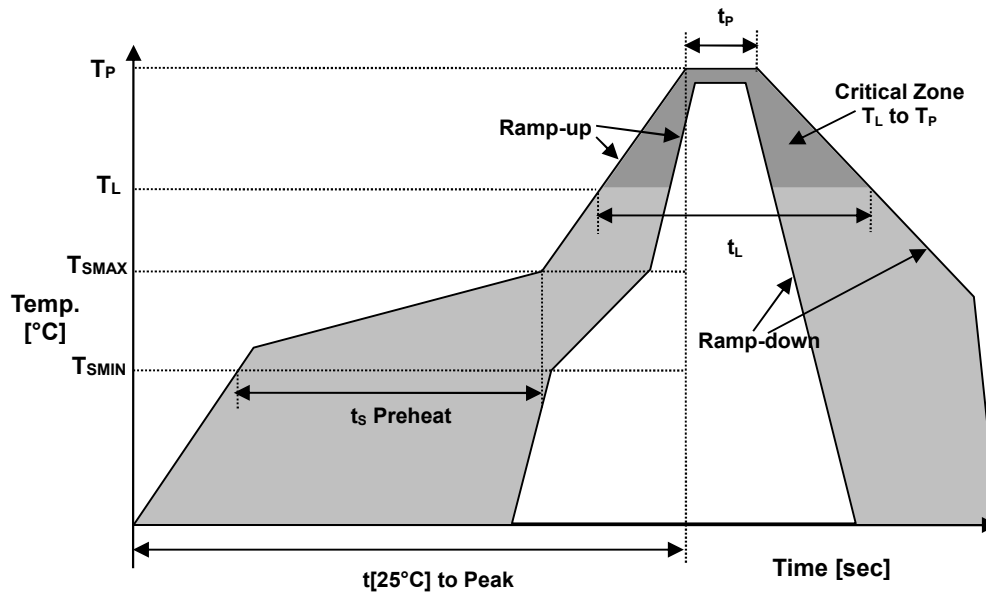


Items	Specification	Unit
Center frequency (Fo)	1588.655	MHz
Bandwidth	4000	KHz
Insertion Loss in BW	1.5	dB Max
Insertion Loss (1571.42 ~ 1605.89 MHz)	1.9	dB Max
Amplitude Ripple in BW	0.6	dB max
Amplitude Ripple (1571.42 ~ 1605.89 MHz)	1.1	dB max
VSWR in BW, Max	2	--
VSWR in (1571.42 ~ 1605.89 MHz), Max	2.2	--
Group Delay Ripple in BW	8	ns Max
Group Delay Ripple (1571.42 ~ 1605.89 MHz)	12	ns Max
Relative Attenuation	10 MHz ~ 1450 MHz	36 dB min
	1450 MHz ~ 1525 MHz	30 dB min
	1650 MHz ~ 1700 MHz	30 dB min
	1700 MHz ~ 2150 MHz	36 dB min
	2150 MHz ~ 2270 MHz	30 dB min
	2400 MHz ~ 2700 MHz	40 dB min
Temperature Coefficient of Frequency	-36 ppm/°C	
Input Power	15 dBm Max	
DC Voltage	0 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