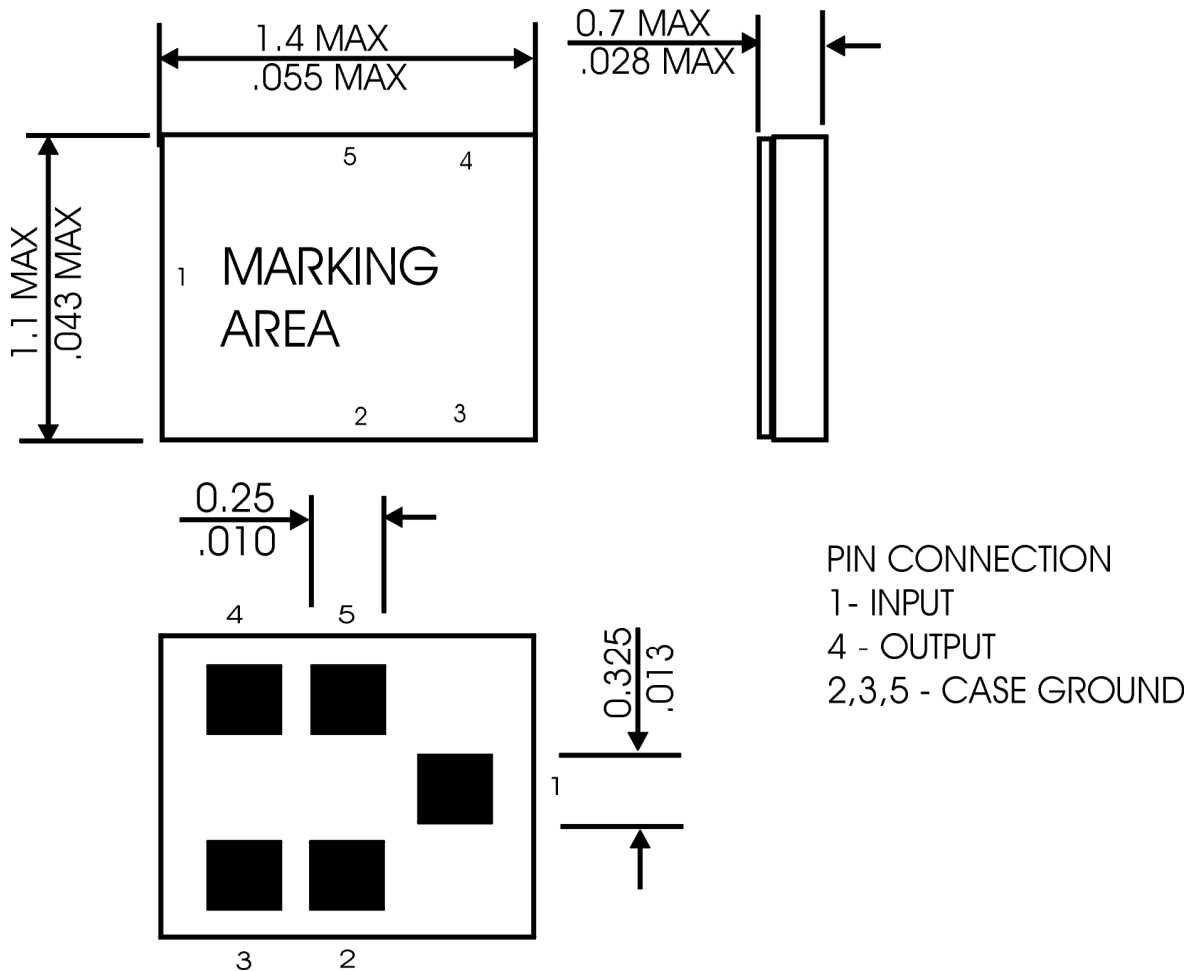


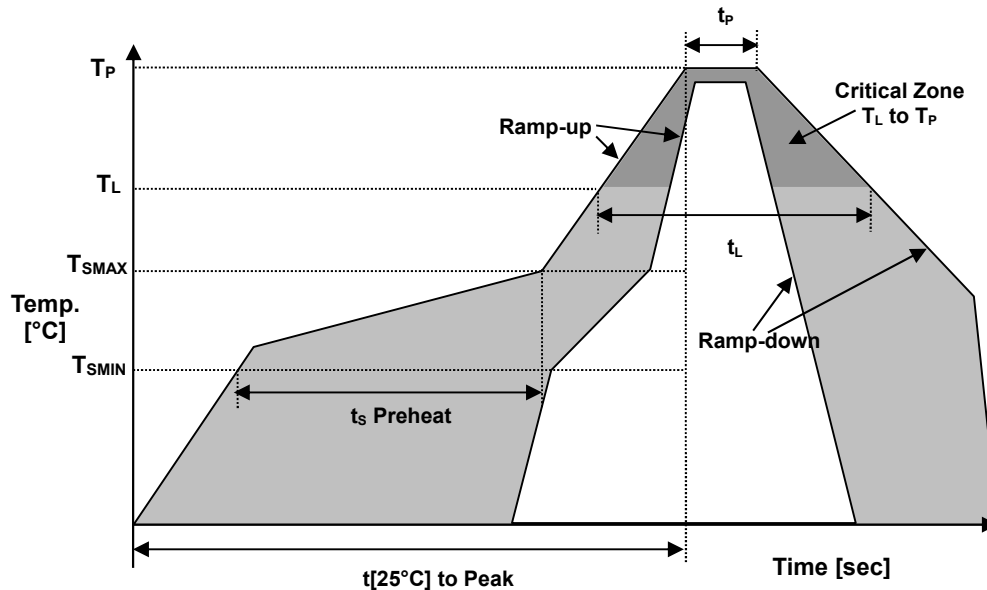
Parameters		Specification	Unit
Center frequency (Fo)		869.000	MHz
Bandwidth		2000	kHz
Insertion Loss in BW, typ/max		2.7 / 3.5	dB
Amplitude Ripple in BW, typ/max		0.5 / 1.2	dB
Attenuation, min/typ	10.0 MHz ~ 851.0 MHz	-35 / -38	dB
	851.0 MHz ~ 856.8 MHz	-13 / -30	dB
	883.0 MHz ~ 892.0 MHz	-24 / -46	dB
	892.0 MHz ~ 910.0 MHz	-42 / -48	dB
	910.0 MHz ~ 1000.0 MHz	-35 / -40	dB
Input Power, max		10	dBm
DC Voltage		10	V
In/Out Impedance		50	$\Omega$
Operating temperature range		-40 to +85	$^{\circ}\text{C}$
Storage Temperature		-40 to +85	$^{\circ}\text{C}$

### 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
TERMINATION FINISH	Au
REACH – SVHC	Compliant
RoHS 2	6/6
PACKAGING	TAPE & REEL



April 2016